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WEST VIRGINIA

VITAL STATISTICS

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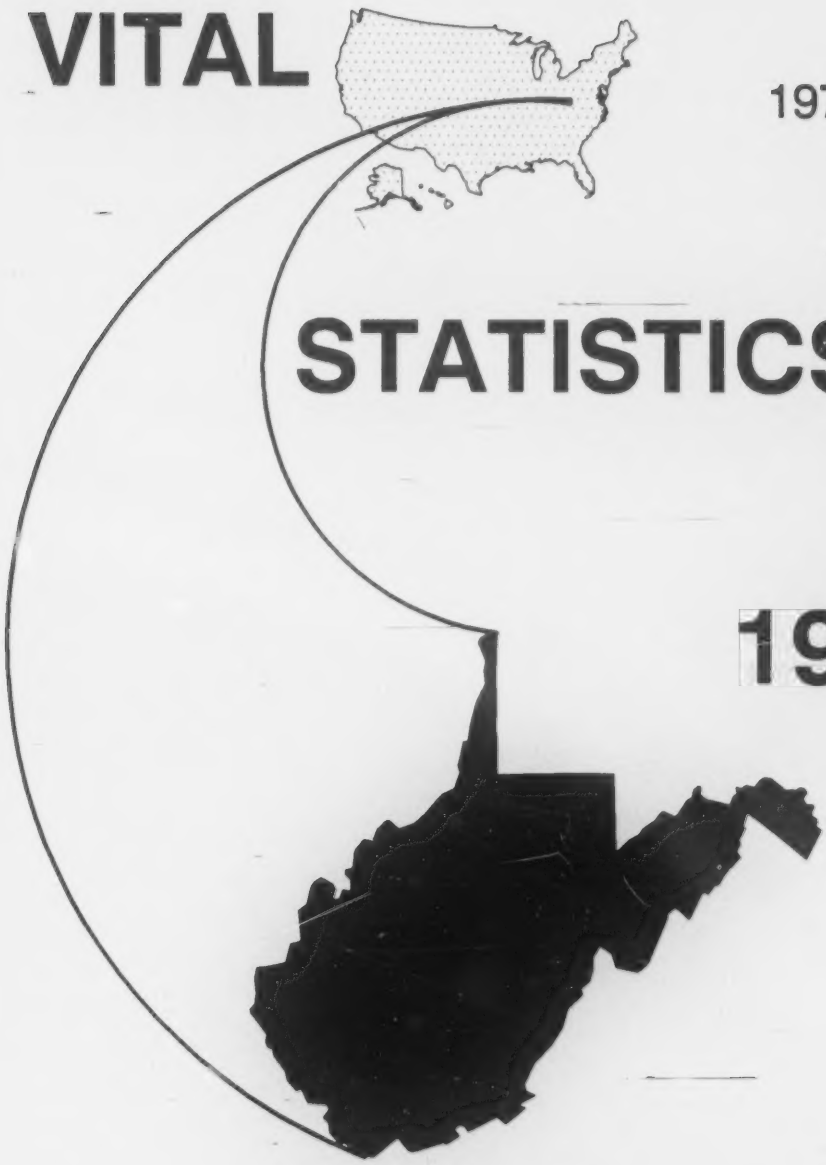

DIVISION OF HEALTH
HEALTH STATISTICS CENTER

STATE OF WEST VIRGINIA

DIVISION OF HEALTH

HEALTH STATISTICS CENTER

FORTY-SECOND ANNUAL REPORT

VITAL HEALTH STATISTICS OF WEST VIRGINIA 1988

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FOREWORD

Data used to prepare this report are taken from birth, death, fetal (stillborn), marriage, and divorce certificates of these events occurring in calendar year 1988 and filed in the Office of the West Virginia Registrar of Vital Statistics prior to June 1, 1989. Vital events occurring to West Virginia residents in other states and recorded in the office of the registrar by June 1 are also included in totals by residence.

All statistics contain variations that are the result of chance. This characteristic is of particular importance in classifications of events with small numbers, where small variations are proportionately large in relation to base figures. As an example, small changes in the number of deaths or births in small population areas or in the number of deaths from uncommon causes could result in large changes in the respective rates. For this reason, rates for counties with small populations or other small bases should be used cautiously.

Suggestions and comments on alternate methods of data presentation are welcome. Forward any suggestions to the address below:

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WEST VIRGINIA
VITAL STATISTICS SUMMARY
1988

Population

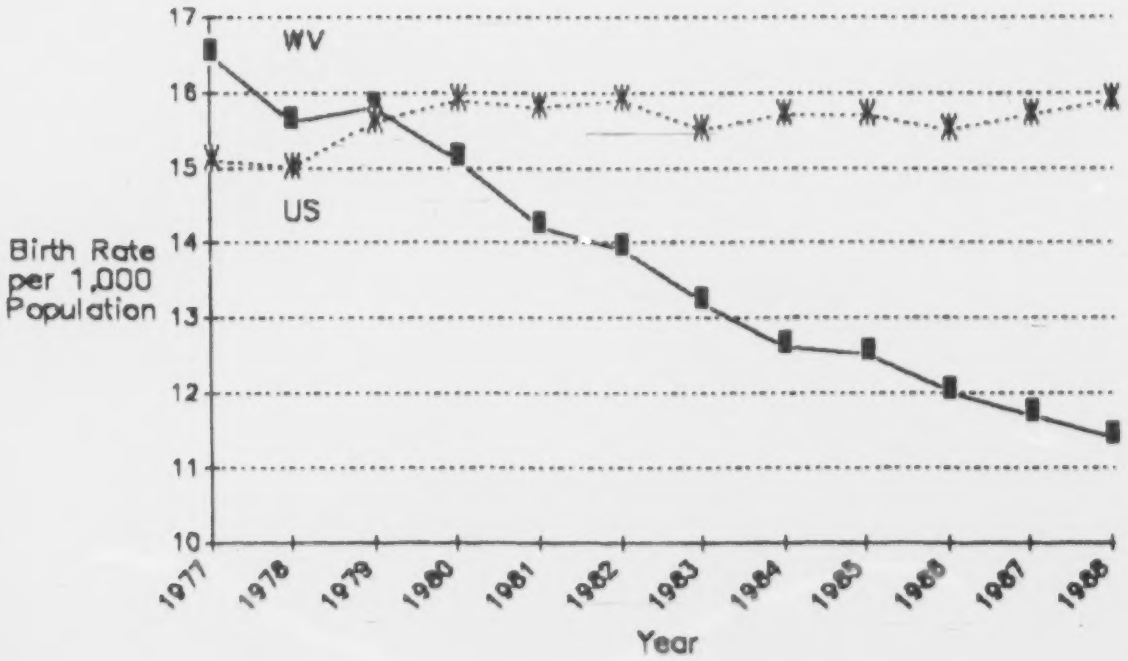
During 1988, 2,069 West Virginians were added to the population as a result of natural increase, the excess of births over deaths. The rate of natural increase was 1.1 persons per 1,000 population, 21% lower than the 1987 rate of 1.4. For the United States, the rate of natural increase was 7.1 persons per 1,000 population, 1% above the 1987 rate of 7.0. According to the July 1, 1988, population estimate provided by the Bureau of the Census, West Virginia's population decreased by approximately 73,000 (-3.8%) from 1980 through 1988. Net migration over the eight-year period was - 122,000, indicating that outmigration far exceeded the sum of inmigration and natural increase.

Live Births

For the ninth year in a row, West Virginia births decreased, with a total of 21,849 resident live births in 1988. A birth rate of 11.5 per 1,000 population was reported in 1988, compared to 11.7 in 1987. The number of live births has decreased from 1980 through 1988 by an average of 949 births per year.

The U.S. 1988 provisional birth rate was 15.9 live births per 1,000 population, 1% above the rate for 1987 (15.7). The 1988 U.S. fertility rate of 67.3 live births per 1,000 women aged 15-44 years was 2% higher than the 1987 rate of 66.1. Based on population estimates, West Virginia's fertility decreased from 51.0 live births per 1,000 women aged 15-44 in 1987 to 49.8 in 1988, 26% lower than the 1988 U.S. fertility rate. As the graph below shows, West Virginia's birth rate fell below the national birth rate for the first time in 1980, and has continued to drop even farther through 1988.

WEST VIRGINIA AND UNITED STATES BIRTH RATES
1977–1988



The number of births to women aged 30 and over exceeded those to teenage mothers (ages 10-19) for the fifth year in a row in West Virginia. In 1980, 20% of total births were to mothers aged 10-19 and 15% to mothers aged 30 and over, compared to 17% and 21%, respectively, in 1987 and 1988. This shift can be explained by both the continued decrease in the teenage female population during the 1980s and the fact that many women are delaying childbearing until later years.

The percentage of total births occurring in hospitals, freestanding birthing centers, or enroute to a hospital was unchanged at 99.5% in 1988. The percentage of all births attended by a physician was 98.8%; in 1987 it was 98.7%. The number of home births decreased from 100 in 1987 to 98 in 1988. Thirty babies were born enroute to hospitals, and 115 (0.5%) were born in free-standing birthing centers.

In both West Virginia and the United States, the number and percentage of live births occurring out of wedlock has risen steadily during the past decade. For West Virginia in 1988, the percentages of white and black births that occurred out of wedlock were 21% and 62%, respectively, compared with 19% and 59% in 1987. Corresponding national percentages were 17% and 62%, respectively, in 1987, according to the National Center for Health Statistics. While the total number of births to teenage mothers decreased by 130 (3.4%) from 3,819 in 1987 to 3,689 in 1988, the percentage of teenage births to unmarried mothers

increased from 49.6% in 1987 to 50.2% in 1988. Women aged 20 and over accounted for 62% of nonmarital births in 1988, compared to 52% in 1980 and 59% in 1987.

The percentage of live births of low birthweight (less than 2,500 grams, or 5½ pounds) infants decreased 9.9%, from 7.1% in 1987 to 6.4% in 1988. Of the 1,393 low-birthweight babies, 774 or 56% were preterm babies born before 37 weeks of gestation. Of all 1988 resident live births of known gestation, 11.0% were preterm babies. Of the births with known birthweight, 10.9% of black babies and 6.2% of white babies were of low birthweight, of which 6.6% and 3.7%, respectively, were also preterm deliveries. Of the 3,689 births to teenage mothers, 7.6% of births of known birthweight were low-birthweight infants, down from 9.2% in 1987. Eleven percent of the babies born to black teenage mothers weighed less than 2,500 grams, down from 15% in 1987. Nationally, 6.9% of infants weighed less than 2,500 grams at birth in 1987. In that year, 5.7% of white infants and 12.7% of black infants were of low birthweight.

Seventy-two percent of mothers who received prenatal care began their care during the first trimester of pregnancy. Among those receiving prenatal care, 73% of the mothers of white babies began care during the first trimester; 56% of the mothers of black babies did so. No prenatal care was received by 0.9% of the mothers of white babies and by 3.8% of the mothers of black babies. Three percent of unmarried mothers had no prenatal care,

another 10% did not begin prenatal care until the third trimester, and only 50% began their care during the first trimester, compared to 77% for married mothers.

Deaths

The number of West Virginia resident deaths increased slightly, from 19,763 in 1987 to 19,780 in 1988. The state's crude death rate increased from 10.3 in 1987 to 10.4 deaths per 1,000 population in 1988. The national 1987 provisional death rate was 8.8 deaths per 1,000 population, 1% higher than the rate of 8.7 in 1987. The average age at death for West Virginians was 67.8 for men and 74.1 for women. Ninety-four West Virginia residents who died in 1988 were age 100 or older; the oldest man was 107 years old and the oldest woman was 108 years old.

The relative ranking of the ten leading causes of death changed in 1988. Accidents dropped to fifth place and suicide dropped to 10th place. Heart diseases, cancer, and stroke, the three leading causes, accounted for 66% of West Virginia resident deaths and 65% of United States deaths in 1988. State deaths due to heart diseases and stroke decreased 3.0% and 2.3%, respectively, while deaths due to cancer increased 1.6%. Deaths due to chronic obstructive pulmonary disease (COPD) increased 1.3%, and replaced accidents as the fourth leading cause of death.

Unintentional injuries, or accidents of all forms, the fifth leading cause of death, dropped by 49 or 5.2%, from 944 in 1987 to 895 in 1988. Unintentional injuries remained the leading cause of death for ages 1 through 34 years. The leading single cause of death for young adults aged 15 through 34 was motor vehicle fatalities, which accounted for 38% of all deaths for this age group in 1988, compared with 39% in 1987. West Virginia's 1988 motor vehicle fatalities included 10 children under 5 years of age, compared to 6 such deaths in 1987.

Suicides decreased by 27 or 11%, from 245 in 1987 to 218 in 1988. Male suicides decreased 13%, from 201 in 1987 to 175 in 1988; female suicides decreased 2%, from 44 in 1987 to 43 in 1988. While suicide was the tenth leading cause of death overall, it was the second leading cause of death for ages 15-34. Teen suicides increased from 12 in 1987 to 14 in 1988.

Years of Potential Life Lost (YPLL)

YPLL is a measure of premature or preventable mortality occurring before the age of 65, calculated as the difference between age 65 and the age at death. The sum of YPLL over all deaths is the total YPLL from all persons dying before the age of 65. For example, a person dying at the age of 45 contributes 20 years to the total YPLL (65-45=20 YPLL). YPLL is an important tool for emphasizing and evaluating those leading causes of death among persons under 65 years of age.

The YPLL from all causes decreased 1.6%, from 89,907 YPLL in 1987 to 88,469 in 1988. The number of actual deaths used to calculate YPLL increased 0.1%. The three leading causes of YPLL in 1988 were motor vehicle accidents (15,303 YPLL), diseases of the heart (14,394 YPLL), and malignant neoplasms (14,804 YPLL). Combined, these three causes accounted for over half of all years of potential life lost in 1988. In comparison to 1987, YPLL attributable to motor vehicle accidents increased from 16.8% to 17.3% of the total. YPLL due to diseases of the heart decreased from 16.7 to 16.3 while malignant neoplasms increased from 15.9% in 1987 to 16.7% in 1988.

Fetal Deaths

The 151 resident fetal deaths of 20 or more weeks gestation reported in 1988 were the lowest number ever reported in the state. The fetal death rate decreased from 7.7 fetal deaths per 1,000 live births in 1987 to 6.9 in 1988. The vast majority (88.7%) of fetal deaths were due to conditions originating in the perinatal period, including complications of placenta, cord and membrane (38%), maternal conditions (6%), maternal complications (4%), short gestation and low birthweight (3%), and other and ill-defined perinatal conditions (32%). Congenital anomalies accounted for 11% of all fetal deaths.

Fifty-four percent of women whose pregnancy resulted in a fetal death in 1988 began prenatal care during the first

trimester, compared to 71% of women having live births. Of the women with known prenatal care, 15% had care that was inadequate, i.e., care begun in the third trimester or no prenatal care.

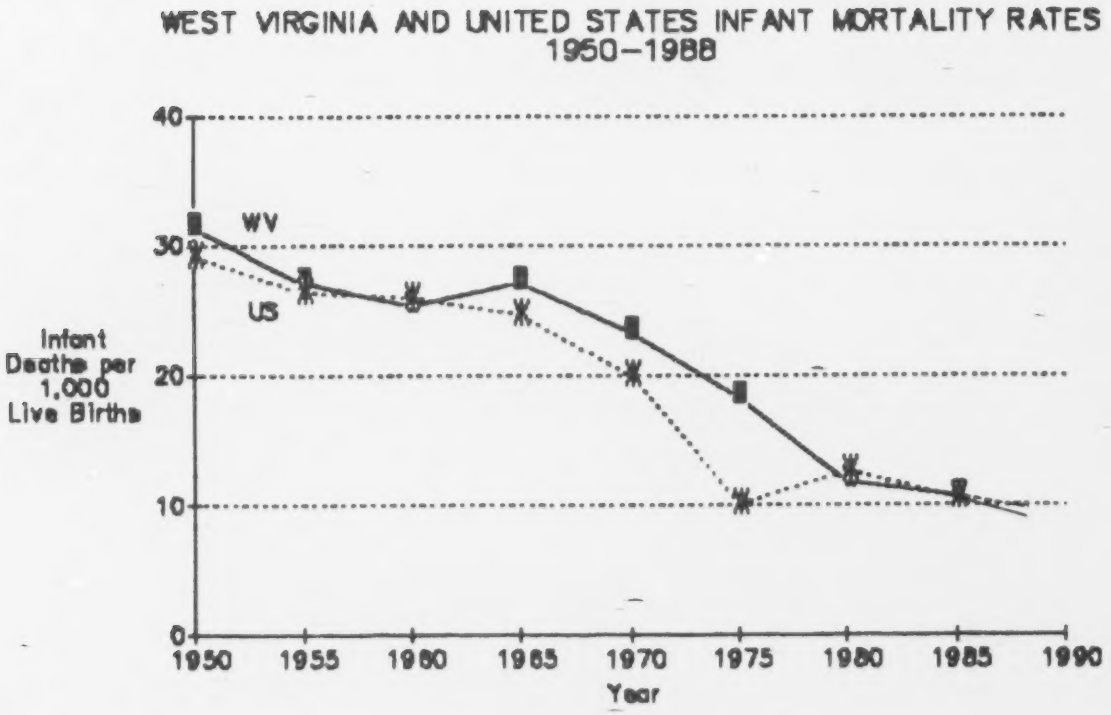
Prematurity is the greatest risk factor associated with fetal deaths. Of the 129 fetal deaths in 1988 with known birthweight and gestational age, 96 or 74% weighed less than 2,500 grams; 82 or 64% were preterm deliveries before 37 weeks of gestation.

Infant Deaths

Continuing a twenty-year trend, deaths of infants under one year of age fell from 219 in 1987 to 197 in 1988. West Virginia's infant mortality rate declined 8% from 9.8 per 1,000 live births in 1987 to 9.0 in 1988, the lowest rate ever recorded for the state. The U.S. provisional infant mortality rate was 9.9, a 1% decrease from the 1987 rate of 10.0. West Virginia's 1988 infant mortality rate met the U.S. 1990 objective of 9.0 infant deaths per 1,000 live births.

West Virginia's infant mortality rate has been decreasing steadily over the past several years. Since 1975, the number of resident infant deaths has decreased 62%, with a corresponding 51% drop in the infant mortality rate. The following graph shows the

decline in the national and state infant mortality rates from 1950 through 1988.



The state's 1988 provisional black infant mortality rate increased 24%, from 17.4 in 1987 to 21.6 in 1988, while the rate for white infants declined 11% from 9.5 to 8.5. West Virginia's 1988 provisional race-specific infant mortality rates and the U.S. rates for 1986 (the latest year for which national figures are available) are shown on the following page.

1988 WEST VIRGINIA AND 1986 UNITED STATES
INFANT MORTALITY BY RACE
(Number and Rate per 1,000 Live Births)

	WEST VIRGINIA 1988		UNITED STATES 1986	
	Number	Rate	Number	Rate
All Races	197	9.0	38,891	10.4
White	177	8.5	26,564	8.9
Black	20	21.6	11,204	18.0

Nearly half (44%) of all 1988 infant deaths were attributed to the broad category referred to as "certain conditions originating in the perinatal period." This cause-of-death grouping includes disorders relating to short gestation and unspecified low birthweight (11%), respiratory distress syndrome (13%), other respiratory conditions of newborns (6%), and all other and ill-defined conditions originating in the perinatal period, as well as maternal complications, hypoxia and asphyxia, etc. The second leading cause was congenital anomalies, listed as the cause of death for 25% of all 1988 infant deaths, with anomalies of the heart (10%) leading the category. Sudden infant death syndrome (SIDS) accounted for 29 or 15% of all infant deaths.

As the following table shows, generally recognized risk factors were associated with a disproportionate percentage of the state's infant deaths in 1988.

RISK FACTOR	PERCENT TOTAL BIRTHS	PERCENT INFANT DEATHS	PERCENT FETAL DEATHS
Low birthweight (<2500 gms.)	6.4%	56.8%	67.6%
Multiple births	1.9%	10.8%	3.3%
Preterm delivery (<37 wks. gest.)	11.0%	54.9%	63.6%
Black race	4.2%	10.2%	7.9%
Mother's education less than 12 years	26.8%	35.8%	26.5%
Unmarried mother	22.3%	30.3%	37.1%
Teenage mother	16.9%	26.6%	21.2%

Neonatal Deaths

The number of neonatal deaths decreased by 23, from 151 in 1987 to 128 in 1988; the neonatal death rate decreased from 6.7 deaths to infants under 28 days per 1,000 live births to 5.9. The United States provisional 1988 rate decreased 2% from 6.4 in 1987 to 6.3. Neonatal deaths comprised 65% of all West Virginia resident infant deaths in 1988, compared to 69% in 1987. The number of postneonatal deaths increased from 68 in 1987 to 69 in 1988. The postneonatal mortality rate increased from 3.0 postneonatal deaths per 1,000 live births to 3.2 in 1988.

Maternal Deaths

One maternal death was reported in 1988, giving a rate of 4.6 deaths per 100,000 live births, as compared to the U.S. provisional 1988 rate of 7.7. During the past decade, the number of maternal deaths reported in the state has fluctuated from 7 in 1979 to 1 each in 1976, 1985, 1986, 1987, and 1988.

Marriages

Marriages increased for the first time since 1980, from 13,455 in 1987 to 13,768 in 1988, an increase of 2.3%. The marriage rate in 1988 was 7.3 per 1,000 population, compared to 7.1 per 1,000 population in 1987. The U.S. marriage rate dropped 2%, from 9.9 per 1,000 population in 1987 to 9.7 in 1988. The 1988 U.S. rate is the lowest marriage rate since 1967.

The median age was 23 for brides and 25 for grooms for all marriages, unchanged from 1986 and 1987. For first marriages, the median age remained at 20 for brides but decreased from 23 to 22 for grooms. The mode, or most frequently reported age, for all marriages and also for first-time marriages was 18 for brides; the most frequently reported age for grooms was 22 for both all marriages and first-time marriages.

Divorces and Annulments

Divorces also reversed a decline started in 1982; the number of divorces increased 2.3%, from 9,141 in 1987 to 9,352 in 1988. The rate increased from 4.8 per 1,000 population in 1987 to 4.9 in 1988. The U.S. rate of 4.8 per 1,000 population has remained unchanged since 1986.

Of the 9,352 divorces in West Virginia last year, the median duration of marriage was 6.8 years; the most frequently reported time from date of marriage to date of decree was 1.1 years.

Almost half (46%) of the 1988 divorces involved no children under 18 years of age in the family, while one child was involved in 28% of all divorces and two children were involved in 20%. Six divorces involved six or more children.

Summary

West Virginia continued to show a decrease in the number and rate of live births. Marriages and divorces both reversed long-term declines to post modest increases in 1988. The number of all deaths and the mortality rate were relatively unchanged from the previous year. However, the number of fetal deaths, neonatal deaths, and infant deaths declined to an all-time low for the state. West Virginia's infant mortality rate of 9.0 met the 1990 objective of 9.0 infant deaths per 1,000 live births.

Place of Residence vs. Place of Occurrence

Data on vital events can be reported in two ways, by county of residence or by county of occurrence. For example, Lincoln County reported 64 deaths as occurring within the confines of the county. However, resident deaths for 1988 totaled 208. With the exceptions of Tables 17 and 31, the mortality data presented in this report are based on county of residence, as county resident populations are used to calculate rates.

With the exception of Table 6, birth data are similarly reported by county of residence.

Geographic Classification

The county has been used as the basic unit of tabulation throughout this report. Data have also been supplied for health planning regions and for the total state. In some instances data have been supplied for individual cities.

Cause of Death Classification

The cause of death is coded from information contained in the medical certification section of the death certificate. This portion of the certificate is completed by the attending physician. In the case of an unattended death, the medical examiner is responsible for investigation and certification. As a general rule, data preceding 1949 cannot be accurately compared with those of later years due to the extensive revision of the coding rules made at that time. It was felt, however, that large causal categories could be compared. See Appendix B, "Grouping of ICDA Codes," for a listing of these selected causes.

International Classification of Diseases (ICDA)

The primary cause of death was coded in accordance with the Ninth Revision of the International Classification of Diseases Adapted for Use in the United States, 1975 (ICDA). The deaths with codes 000 through 799 were coded using the "nature of injury" causes, while those with codes 800 through 999 were coded using the E or "external cause" of death. The E codes are used to indicate a death due to an external rather than an internal cause. Thus a death from a gunshot wound would be coded using an E code; a death due to cancer would not.

In several tables individual causes of death have been grouped into important selected causes of death. The ICDA codes for the different groupings can be found in Appendix B.

Population

The rates given in this publication were calculated using the 1987 provisional population estimates provided by the U.S. Department of Commerce, Bureau of the Census, in Current Population Reports, Series P-26, 86-A, August 1988. These estimates were rounded to the nearest thousand, however, in all tables and figures published in this report in order to be consistent with the estimates provided for other noncensus years. The 1988 population estimates shown in Tables 2 and 4 and Exhibit 1 were obtained from unpublished data provided by the Bureau of the Census and were not available at the time of rate calculations.

Forms

The following is a list of the certificates and forms used in obtaining the data used in this publication. A sample copy of each can be found in Appendix A.

Certificate of Live Birth
Physician's Certificate of Death
Medical Examiner's Certificate of Death
Certificate of Fetal Death
Application for Marriage License
Monthly Report of Divorces and Annulments of Marriage Granted

RATES AND RATIOS

The impact of chance variation must be considered in evaluating categories with small frequencies. For example, a small change in the number of infant deaths in a county can disproportionately affect the infant mortality rate for that county. Rates for cities and counties therefore require special consideration. Regional and state rates, with larger frequencies, provide more realistic data.

Rates used in this report are calculated with 1987 provisional population figures reported in Current Population Reports, Series P-26, 86-A, August 1988, published by the U.S. Bureau of the Census.

Birth Rate (Crude)

$$= \frac{\text{Number of live births}}{\text{Population}} \times 1{,}000$$

Death Rate (Crude)

$$= \frac{\text{Number of deaths}}{\text{Population}} \times 1{,}000$$

Cause of Death Rate

$$= \frac{\text{Number of deaths from a stated cause}}{\text{Population}} \times 100{,}000$$

Infant Death Rate

$$= \frac{\text{Number of infant deaths}}{\text{Number of live births}} \times 1{,}000$$

Neonatal Death Rate

$$= \frac{\text{Number of neonatal deaths}}{\text{Number of live births}} \times 1{,}000$$

Fetal Death Ratio

$$= \frac{\text{Number of fetal deaths}}{\text{Number of live births}} \times 1{,}000$$

Maternal Death Rate

$$= \frac{\text{Number of maternal deaths}}{\text{Number of live births}} \times 100{,}000$$

DEFINITIONS

LIVE BIRTH - A live birth is the complete expulsion or extraction from its mother of a product of conception, irrespective of the duration of pregnancy, which, after such separation, breathes or shows any other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles.

BIRTHWEIGHT - The weight of the fetus or infant at the time of delivery.

CAUSE OF DEATH - The underlying cause of death, or that condition giving rise to the chain of events leading to death.

FETAL DEATH (STILLBIRTH) - Death prior to the complete expulsion or extraction from its mother of a product of conception, having passed through at least the twentieth week of gestation; the fetus shows no signs of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles.

INFANT DEATH - Death occurring to an individual of less than one year of age.

NEONATAL DEATH - The death of a live-born infant that occurs within the first twenty-seven days of life.

MATERNAL DEATH - Death attributable to delivery or a complication of pregnancy, childbirth, or the puerperium as defined by the International Classification of Diseases.

OCCURRENCE DATA - Vital statistics compiled on the basis of where the vital event actually occurred.

RESIDENCE DATA - Vital statistics compiled on the basis of the usual place of residence of the person(s) to whom the vital event occurred. For births and fetal deaths, residence is defined as the mother's usual place of residence.

1988 WEST VIRGINIA AND UNITED STATES VITAL STATISTICS REVIEW

	WEST VIRGINIA		UNITED STATES***	
	Number	Rate*	Number	Rate
Live Births	21,849	11.5	3,913,000	15.9
Deaths	19,780	10.4	2,171,000	8.8
Fetal Deaths	151	6.9	N/A	N/A
Neonatal Deaths	128	5.9	24,600	6.3
Infant Deaths	197	9.0	38,700	9.9
Maternal Deaths	1	4.6	300	7.7
Marriages	13,768	7.3	2,389,000	9.7
Divorces & Annulments	9,352	4.9	1,183,000	4.8
Population	1,877,000**		246,900,000	

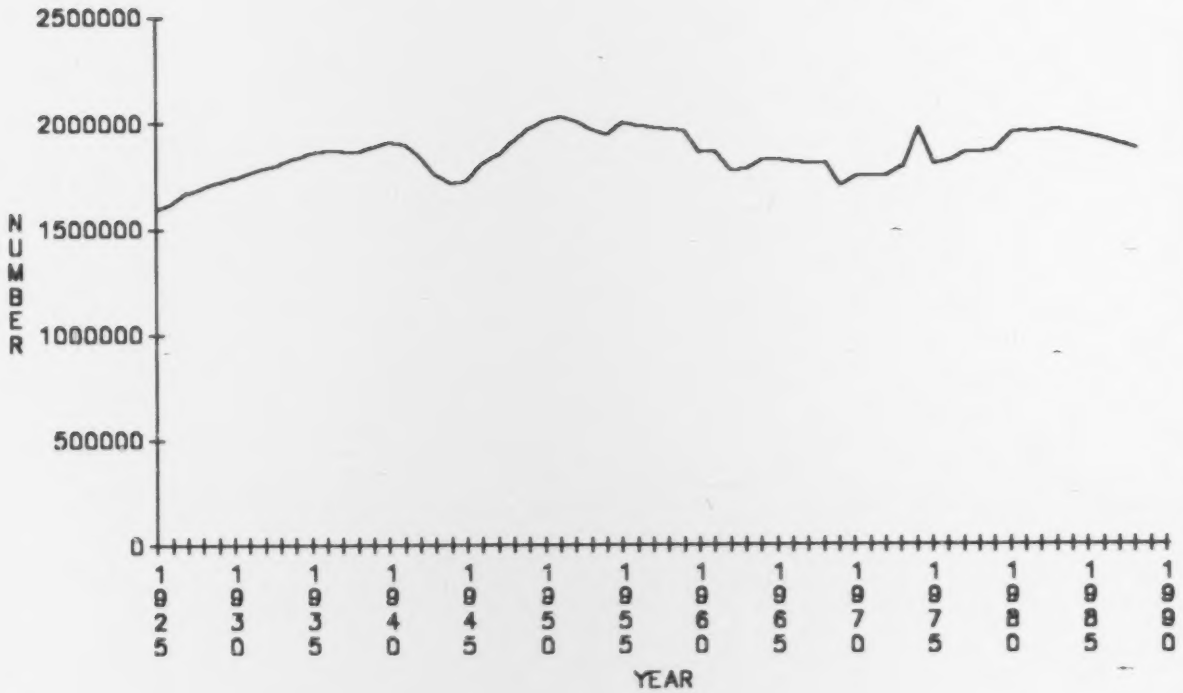
*All 1988 rates based upon July 1, 1987, midyear population estimates, the latest available at time of analysis.
**U.S. Department of Commerce, Bureau of the Census. Unpublished data.
***National Center for Health Statistics. Monthly Vital Statistics Report, Vol. 37, No. 13, DHHS Pub. No. (PHS) 89-1120, July 29, 1989.

AVERAGE DAY STATISTICS
WEST VIRGINIA, 1988

Live Births	59.7
Deaths	54.0
Fetal Deaths	0.4
Infant Deaths	0.5
Heart Disease Deaths	20.3
Cancer Deaths	11.9
Cerebrovascular Deaths	3.5
Pneumonia/Influenza Deaths	1.9
Accidental Deaths	2.4
Motor Vehicle Deaths	1.4
Marriages	37.6
Divorces and Annulments	25.6

POPULATION

WEST VIRGINIA POPULATION 1925-1988
Exhibit 1



YEAR	POPULATION	CHANGE IN POPULATION	
		Years	Percentage Change
1925	1,593,005		
1930	1,729,205	1925 to 1930	8.5
1935	1,856,354	1930 to 1935	7.4
1940	1,901,974	1935 to 1940	2.5
1945	1,708,000	1940 to 1945	-10.2
1950	2,005,552	1945 to 1950	17.4
1955	1,880,000	1950 to 1955	-6.3
1960	1,860,421	1955 to 1960	-1.0
1965	1,786,000	1960 to 1965	-4.0
1970	1,744,237	1965 to 1970	-2.3
1975	1,803,000	1970 to 1975	3.4
1980	1,949,644	1975 to 1980	8.1
1981	1,954,000	1980 to 1981	0.2
1982	1,957,000	1981 to 1982	0.2
1983	1,965,000	1982 to 1983	0.4
1984	1,952,000	1983 to 1984	-0.7
1985	1,936,000	1984 to 1985	-0.8
1986	1,919,000	1985 to 1986	-0.9
1987	1,898,000	1986 to 1987	-1.1
1988	1,877,000*	1987 to 1988	-1.1

*1988 population estimates were not available when the rates given elsewhere in this publication were calculated.

WEST VIRGINIA POPULATION 1970 AND 1980
Table 1

COUNTY	1970*	1980**	COUNTY	1970*	1980**
Barbour	14,030	16,639	Monongalia	63,714	75,024
Berkeley	36,356	46,775	Monroe	11,272	12,873
Boone	25,118	30,447	Morgan	8,547	10,711
Braxton	12,666	13,894	Nicholas	22,552	28,126
Brooke	30,443	31,117	Ohio	63,439	61,389
Cabell	106,918	106,835	Pendleton	7,031	7,910
Calhoun	7,046	8,250	Pleasants	7,274	8,236
Clay	9,330	11,265	Pocahontas	8,870	9,919
Doddridge	6,389	7,433	Preston	25,455	30,460
Fayette	49,332	57,863	Putnam	27,625	38,181
Gilmer	7,782	8,334	Raleigh	70,080	86,821
Grant	8,607	10,210	Randolph	24,596	28,734
Greenbrier	32,090	37,665	Ritchie	10,145	11,442
Hampshire	11,710	14,867	Roane	14,111	15,952
Hancock	39,749	40,418	Summers	13,213	15,875
Hardy	8,855	10,030	Taylor	13,878	16,584
Harrison	73,028	77,710	Tucker	7,447	8,675
Jackson	20,903	25,794	Tyler	9,929	11,320
Jefferson	21,280	30,302	Upshur	19,092	23,427
Kanawha	229,515	231,414	Wayne	37,581	46,021
Lewis	17,847	18,813	Webster	9,809	12,245
Lincoln	18,912	23,675	Wetzel	20,314	21,874
Logan	46,269	50,679	Wirt	4,154	4,922
McDowell	50,666	49,899	Wood	86,818	93,648
Marion	61,356	65,789	Wyoming	30,095	35,993
Marshall	37,598	41,608			
Mason	24,306	27,045			
Mercer	63,206	73,942	TOTAL	1,744,237	1,949,644
Mineral	23,109	27,234			
Mingo	32,780	37,336			

*Population April 1, 1970, census as prepared by the U.S. Department of Commerce, Bureau of the Census, Current Population Reports, Series P-26, No. 77-48.

**U.S. Department of Commerce, Bureau of the Census, "West Virginia Final Population and Housing Unit Counts," PHC80-V-50, March 1981.

WEST VIRGINIA POPULATION 1987 AND 1988
Table 2

COUNTY	1987*	1988**	COUNTY	1987*	1988**
Barbour	15,800	15,400	Monongalia	76,300	77,300
Berkeley	53,700	55,200	Monroe	12,700	12,600
Boone	29,400	28,200	Morgan	11,600	12,100
Braxton	14,600	14,300	Nicholas	27,900	27,300
Brooke	28,700	28,300	Ohio	57,100	56,800
Cabell	101,800	100,700	Pendleton	7,900	8,000
Calhoun	8,500	8,300	Pleasants	7,700	7,700
Clay	11,300	11,200	Pocahontas	9,200	9,200
Doddridge	7,300	7,100	Preston	30,500	30,100
Fayette	53,400	51,900	Putnam	41,300	41,800
Gilmer	7,800	7,800	Raleigh	83,200	80,200
Grant	10,900	10,800	Randolph	28,400	28,300
Greenbrier	35,700	35,100	Ritchie	11,200	10,900
Hampshire	15,900	16,400	Roane	15,400	15,300
Hancock	37,600	37,200	Summers	15,600	15,300
Hardy	10,500	10,700	Taylor	15,900	15,700
Harrison	74,800	74,200	Tucker	8,200	8,100
Jackson	25,700	25,500	Tyler	10,800	10,500
Jefferson	34,400	35,500	Upshur	23,700	23,100
Kanawha	219,900	219,000	Wayne	44,400	43,800
Lewis	18,200	17,600	Webster	11,500	11,300
Lincoln	23,700	23,100	Wetzel	21,000	20,600
Logan	49,100	47,600	Wirt	5,200	5,100
McDowell	43,300	40,500	Wood	91,900	90,900
Marion	63,300	62,200	Wyoming	33,600	32,600
Marshall	39,100	38,900			
Mason	26,100	26,100			
Mercer	71,700	70,400			
Mineral	27,200	27,200			
Mingo	36,300	35,700	TOTAL	1,898,000***	1,877,000***

*U.S. Department of Commerce, Bureau of the Census. Current Population Reports, Series P-26, 86-A, August 1986.

**U.S. Department of Commerce, Bureau of the Census. Unpublished data. 1988 county population estimates were not available when the rates given elsewhere in this publication were calculated.

***Due to rounding techniques, county populations do not add to total.

WEST VIRGINIA POPULATION CHARACTERISTICS
United States Census, 1980
Age Group Distribution
Exhibit 2

AGE	NUMBER	PERCENT
Under 5 Years	145,583	7.5
5-17 Years	414,053	21.2
18-44 Years	756,152	38.8
45-64 Years	395,988	20.3
65 Years and Over	237,868	12.2
TOTAL	1,949,644	100.0

WEST VIRGINIA POPULATION CHARACTERISTICS
United States Census, 1980
Sex Distribution
Exhibit 3

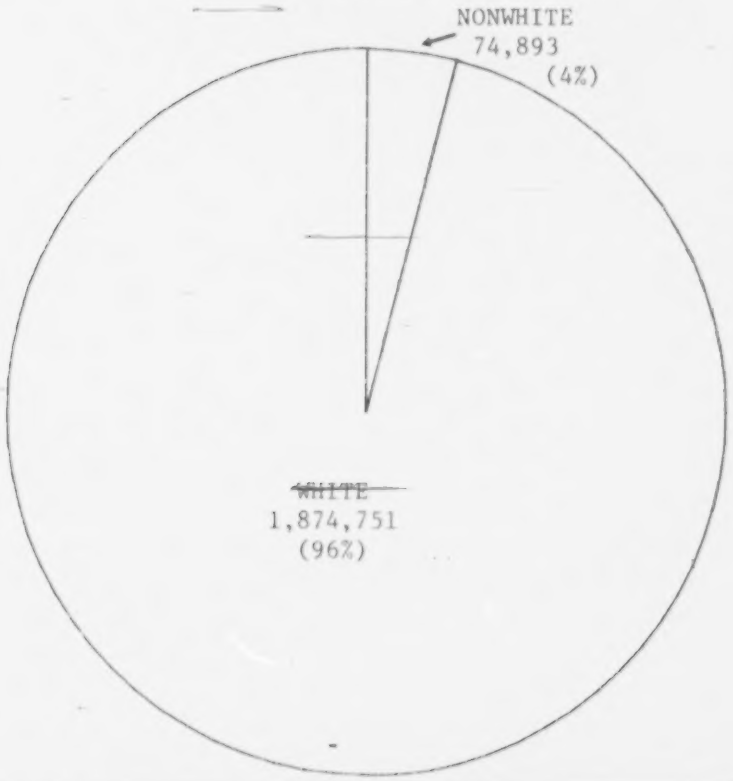
SEX	1970 CENSUS		1980 CENSUS	
	Number	Percent	Number	Percent
Female	899,568	51.6%	1,004,236	51.5%
Male	844,669	48.4%	945,408	48.5%
TOTAL	1,744,237	100%	1,949,644	100%

WEST VIRGINIA POPULATION CHARACTERISTICS

United States Census, 1980

Race Distribution

Exhibit 4

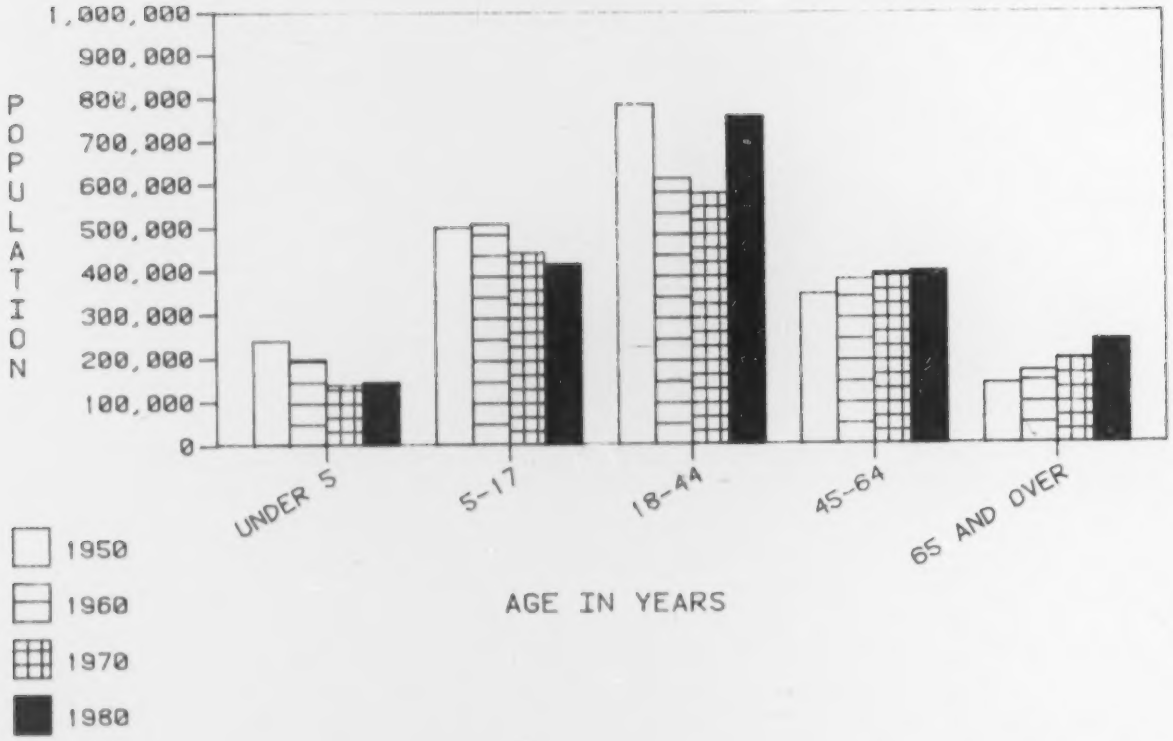


RACE	NUMBER	PERCENT
American Indian, Eskimo and Aleut	1,610	.08%
Asian and Pacific Islander[1]	5,194	.26%
Black	65,051	3.33%
Other	3,038	.15%
White	1,874,751	96.15%
TOTAL	1,949,644	100%
Spanish Origin[2]	12,707	.65%

[1]Some Asian and Pacific Islander groups such as Cambodian, Laotian, and Thai are included in the "Other" category. In sample tabulations, these groups will be included in the Asian and Pacific Islander category.

[2]Persons of Spanish origin may be of any race.

WEST VIRGINIA POPULATION 1950-80
Age Group Distribution
Exhibit 5



AGE IN YEARS	1950*	1960*	1970*	1980*
Under 5 Years	240,107	196,291	138,249	145,583
5-17 Years	499,748	507,531	441,988	414,053
18-44 Years	783,444	612,461	577,787	756,152
45-64 Years	343,727	377,888	391,739	395,988
65 Years and Over	138,526	166,250	194,474	237,868
TOTAL	2,005,552	1,860,421	1,744,237	1,949,644

*Enumerated as of April 1 of the specified year. (U.S. Department of Commerce, Bureau of the Census)

WEST VIRGINIA POPULATION 1985
Age Group Distribution by County
Table 3

COUNTY OF RESIDENCE	UNDER 5 YEARS	5-9 YEARS	10-19 YEARS	20-44 YEARS	45-64 YEARS	65 & OVER	TOTAL
WV TOTAL	127,686	140,246	303,709	719,712	380,351	261,355	1,933,049
BARBOUR	1,136	1,260	2,770	5,873	3,071	2,507	16,617
BERKELEY	3,278	3,676	8,091	18,964	10,116	6,299	50,424
BOONE	1,995	2,582	5,424	11,378	5,554	3,137	30,071
BRAXTON	706	1,141	2,363	5,272	2,930	2,436	14,848
BROOKE	1,764	2,024	4,602	11,313	6,282	3,840	29,824
CABELL	7,271	6,847	14,992	40,312	21,680	15,131	106,233
CALHOUN	591	595	1,304	2,773	1,620	1,305	8,186
CLAY	731	1,039	2,290	4,077	1,952	1,303	11,389
DODDRIDGE	461	575	1,316	2,673	1,383	1,276	7,685
FAYETTE	3,743	4,325	9,462	19,868	10,819	8,141	56,359
GILMER	625	525	1,339	3,202	1,476	1,341	8,509
GRANT	542	775	1,717	3,457	1,981	1,277	9,749
GREENBRIER	2,427	2,775	5,989	14,102	7,549	5,925	38,768
HAMPSHIRE	843	1,146	2,881	5,709	3,358	2,149	16,087
HANCOCK	2,167	2,750	5,866	14,406	8,842	5,481	39,512
HARDY	619	649	1,509	3,516	2,071	1,523	9,885
HARRISON	4,642	5,136	11,062	27,085	15,750	12,420	76,094
JACKSON	1,864	1,883	4,176	9,707	5,708	3,016	26,354
JEFFERSON	2,431	2,219	5,791	12,463	6,217	3,676	32,798
KANAWHA	16,384	15,501	30,521	86,282	47,719	31,032	227,440
LEWIS	1,044	1,341	2,878	6,546	3,775	3,311	18,895
LINCOLN	1,477	1,431	3,862	7,234	4,320	2,689	21,012
LOGAN	3,358	4,762	8,697	18,802	9,336	5,234	50,189
MCDOWELL	2,933	4,269	8,877	16,422	8,268	5,545	46,316
MARION	3,755	4,153	9,953	24,080	12,898	10,177	65,016

Source: Regional Research Institute, West Virginia University
March 1988

WEST VIRGINIA POPULATION 1985
Age Group Distribution by County
Table 3 (cont'd)

COUNTY OF RESIDENCE	UNDER 5 YEARS	5-9 YEARS	10-19 YEARS	20-44 YEARS	45-64 YEARS	65 & OVER	TOTAL
MARSHALL	2,442	2,820	6,050	14,994	8,215	5,480	40,001
MASON	1,824	1,894	4,123	9,141	5,481	3,400	25,861
MERCER	4,932	4,825	11,008	25,344	14,212	10,681	71,001
MINERAL	1,608	1,945	4,759	10,260	5,540	3,681	27,791
MINGO	2,774	3,476	7,055	14,152	6,332	3,184	36,972
MONONGALIA	5,996	4,246	11,608	36,536	11,890	7,769	78,048
MONROE	711	888	1,958	3,892	2,578	2,094	12,120
MORGAN	422	692	1,497	3,457	2,433	1,669	10,169
NICHOLAS	1,699	2,464	4,898	10,353	5,454	3,502	28,373
OHIO	3,399	3,268	8,473	21,499	12,469	10,039	59,149
PENDLETON	550	572	1,093	2,830	1,463	1,373	7,883
PLEASANTS	489	626	1,364	3,037	1,551	998	8,067
POCAHONTAS	618	576	1,486	3,112	2,005	1,842	9,637
PRESTON	2,102	2,542	5,044	11,001	5,608	4,098	30,392
PUTNAM	2,834	3,294	6,687	16,839	7,891	3,948	41,492
RALEIGH	5,909	7,061	13,473	31,033	16,207	11,815	85,497
RANDOLPH	1,844	1,957	4,208	11,022	5,190	4,298	28,519
RITCHIE	655	818	1,668	3,984	2,128	2,053	11,304
ROANE	1,140	1,152	2,189	5,454	3,290	2,298	15,524
SUMMERS	1,528	1,079	1,744	5,120	2,850	2,135	14,455
TAYLOR	1,109	1,188	2,826	5,717	3,260	2,330	16,431
TUCKER	478	549	1,433	3,111	1,545	1,582	8,698
TYLER	590	847	2,003	3,870	2,317	1,546	11,172
UPSHUR	1,853	1,837	4,138	9,898	4,038	3,232	24,995
WAYNE	2,748	3,521	7,611	16,137	9,323	5,421	44,761
WEBSTER	849	959	2,222	4,171	2,122	1,520	11,840
WETZEL	1,154	1,595	3,788	7,962	4,414	2,986	21,897
WIRT	339	348	798	1,461	935	677	4,557
WOOD	5,919	6,454	14,259	34,920	18,766	12,542	92,858
WYOMING	2,384	3,374	6,514	13,893	6,169	2,991	35,325

WEST VIRGINIA POPULATION 1940-1988
Birth and Death Rates
Table 4

YEAR	ESTIMATED MIDYEAR POPULATION	BIRTH RATE (per 1,000 Population)	DEATH RATE (per 1,000 Population)
1940	1,901,974A	22.0	9.2
1941	1,885,000	23.1	9.4
1942	1,831,000	23.8	9.3
1943	1,741,000	25.2	10.0
1944	1,706,000	24.0	9.8
1945	1,708,000	22.5	9.6
1946	1,826,000	26.4	8.8
1947	1,883,000	28.8	9.1
1948	1,899,000	27.5	9.3
1949	1,930,000	27.1	8.9
1950	2,005,552A	25.4	8.7
1951	1,984,000	25.7	8.6
1952	1,957,000	25.3	8.8
1953	1,929,000	24.2	8.6
1954	1,905,000	24.5	8.5
1955	1,880,000	23.5	8.9
1956	1,857,000	23.8	9.1
1957	1,843,000	24.1	9.7
1958	1,845,000	24.1	9.6
1959	1,855,000	22.8	9.5
1960B	1,860,421A	21.3	9.7
1961	1,828,000	21.3	9.8
1962	1,809,000	20.6	10.3
1963	1,796,000	19.8	10.8
1964	1,797,000	19.8	10.4
1965	1,786,000	17.9	10.7
1966	1,775,000	16.9	10.9
1967	1,769,000	16.6	10.9
1968	1,763,000	16.5	11.1
1969	1,746,000	16.4	11.3
1970	1,744,237A	17.3	11.4
1971	1,768,000	17.6	11.1
1972	1,795,000	16.3	11.5
1973	1,782,000	15.4	11.2
1974	1,784,000	15.5	10.9
1975	1,803,000	15.5	10.8
1976	1,833,000	15.6	10.7
1977	1,853,000	16.2	10.4
1978	1,860,000	15.6	10.4
1979	1,878,000	15.8	10.0
1980	1,949,644A	15.1	9.8
1981	1,954,000	14.2	9.7
1982	1,957,000	13.9	9.7
1983	1,965,000	13.2	9.8
1984	1,952,000	12.6	9.8
1985	1,936,000	12.5	10.0
1986	1,919,000	12.1	10.3
1987	1,898,000	11.7	10.3
1988C	1,877,000	11.5D	10.4D

A Enumerated as of April 1 of the specified year. (U.S. Department of Commerce, Bureau of the Census)

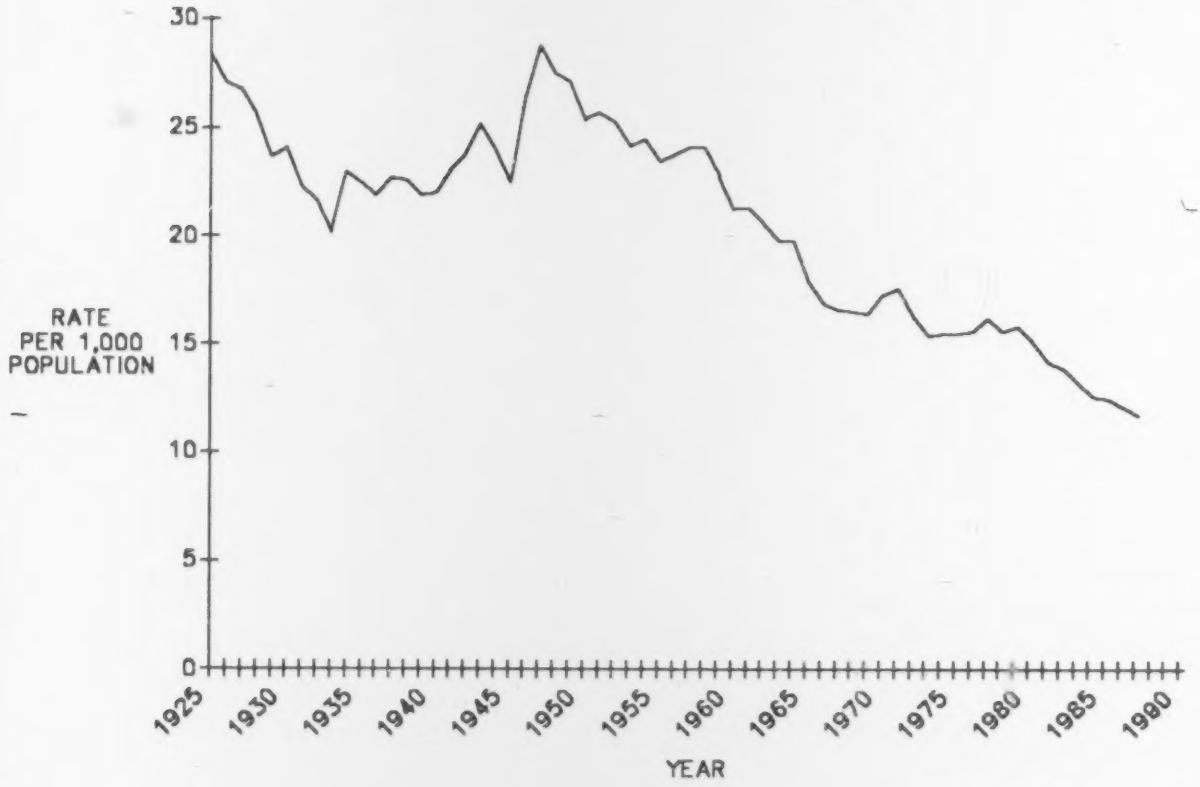
B Source of data 1940 through 1960: U.S. Department of Health, Education, and Welfare, Public Health Service. Vital Statistics Rates in the United States 1940-1960.

C Source of data 1961 through 1988: U.S. Department of Commerce, Bureau of the Census. Current Population Reports, Series P-25 and P-26.

D All 1988 rates were calculated using 1987 midyear population estimates, the latest available at time of analysis.

BIRTHS

WEST VIRGINIA RESIDENT BIRTHS 1925-1988
Number and Rate
Exhibit 6



YEAR	NUMBER OF LIVE BIRTHS	RATE PER 1,000 POPULATION
1925	45,240	28.4
1930	41,614	24.1
1935	41,775	22.5
1940	41,900	22.0
1945	38,446	22.5
1950	50,850	25.4
1955	44,199	23.5
1960	39,696	21.3
1965	31,958	17.9
1970	30,194	17.3
1975	27,960	15.5
1980	29,438	15.1
1981	27,810	14.2
1982	27,263	13.9
1983	25,875	13.2
1984	24,551	12.6
1985	24,108	12.5
1986	23,179	12.1
1987	22,424	11.7
1988	21,849	11.5

WEST VIRGINIA RESIDENT BIRTHS 1988
Summary Totals
Table 5

	NUMBER	PERCENTAGE OF TOTAL
TOTAL	21,849	100.0
SEX		
Male	11,254	51.5
Female	10,595	48.5
RACE		
White	20,807	95.2
Nonwhite	1,042	4.8
ATTENDANT AT BIRTH		
Physician	21,592	98.8
Certified Nurse Midwife	161	0.7
Lay Midwife	17	0.1
EMT/Paramedic	14	0.1
All Other	65	0.3
PLACE OF BIRTH		
Hospital	21,603	98.9
Freestanding Birthing Center	115	0.5
Home	98	0.4
Enroute to Hospital	30	0.1
Other	3	0.0
MOTHER'S MARITAL STATUS		
White:		
Married	16,508	75.6
Not Married	4,299	19.7
Nonwhite:		
Married	464	2.1
Not Married	578	2.6

WEST VIRGINIA RESIDENT BIRTHS 1988
Rates per Thousand Population
Region and County
Exhibit 7

REGION	1987* POPULATION	NUMBER OF LIVE BIRTHS	RATE
1	260,100	2,753	10.6
2	281,400	3,214	11.4
3	301,900	3,525	11.7
4	137,700	1,493	10.8
5	176,400	2,113	12.0
6	268,100	2,985	11.1
7	116,700	1,360	11.7
8	72,400	894	12.3
9	99,700	1,536	15.4
10	117,200	1,401	12.0
11	66,300	575	8.7
TOTAL	1,898,000**	21,849	11.5

*Latest population estimates available at time of rate calculations.
**Due to rounding techniques, regional populations do not add to total.

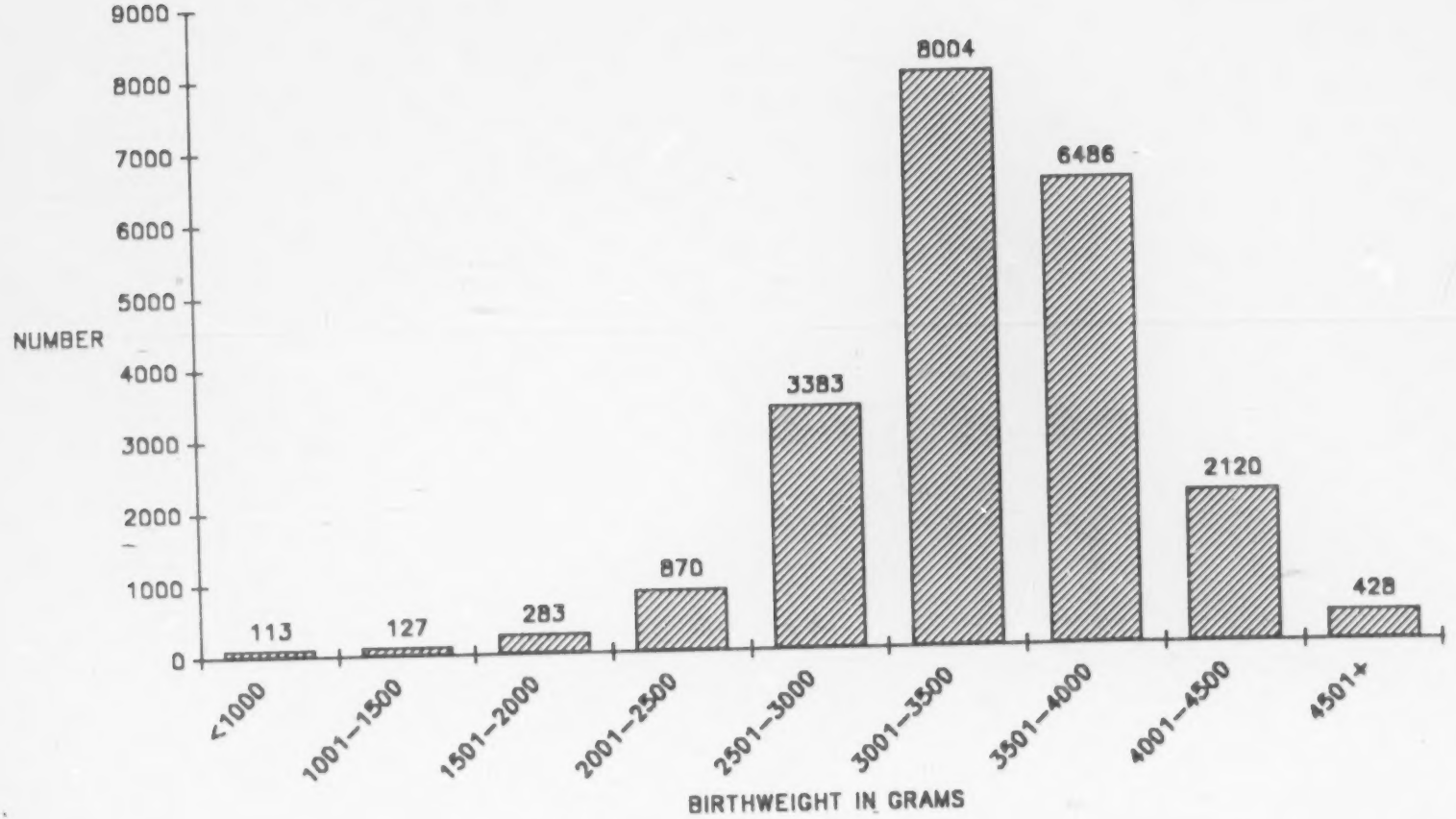
WEST VIRGINIA BIRTHS 1988
Number by County of Residence and Occurrence
Rate by County of Residence
Table 6

COUNTY	RESIDENCE		OCCURRENCE	COUNTY	RESIDENCE		OCCURRENCE
	NUMBER	RATE			NUMBER	RATE	
BARBOUR	189	12.0	169	MONONGALIA	862	11.3	1,708
BERKELEY	861	16.0	838	MONROE	151	11.9	4
BOONE	315	10.7	0	MORGAN	145	12.5	2
BRAXTON	181	12.4	3	NICHOLAS	326	11.7	309
BROOKE	245	8.5	302	OHIO	676	11.8	2,151
CABELL	1,129	11.1	2,736	PENDLETON	114	14.4	1
CALHOUN	103	12.1	67	PLEASANTS	91	11.8	0
CLAY	138	12.2	1	POCAHONTAS	105	11.4	2
DODDRIDGE	51	7.0	1	PRESTON	384	12.6	154
FAYETTE	536	10.0	2	PUTNAM	515	12.5	62
GILMER	89	11.4	0	RALEIGH	853	10.3	1,517
GRANT	121	11.1	230	RANDOLPH	343	12.1	526
GREENBRIER	400	11.2	526	RITCHIE	110	9.8	2
HAMPSHIRE	187	11.8	5	ROANE	189	12.3	170
HANCOCK	330	8.8	1	SUMMERS	130	8.3	48
HARDY	148	14.1	1	TAYLOR	204	12.8	0
HARRISON	827	11.1	843	TUCKER	72	8.8	1
JACKSON	318	12.4	102	TYLER	102	9.4	2
JEFFERSON	530	15.4	305	UPSHUR	279	11.8	317
KANAWHA	2,557	11.6	3,948	WAYNE	497	11.2	3
LEWIS	207	11.4	292	WEBSTER	126	11.0	1
LINCOLN	276	11.6	1	WETZEL	257	12.2	273
LOGAN	531	10.8	780	WIRT	73	14.0	0
MCDOWELL	523	12.1	349	WOOD	1,127	12.3	1,408
MARION	657	10.4	708	WYOMING	340	10.1	1
MARSHALL	468	12.0	170				
MASON	314	12.0	243	TOTAL	21,849	11.5	22,801
MERCER	756	10.5	1,370				
MINERAL	324	11.9	3				
MINGO	467	12.9	143				

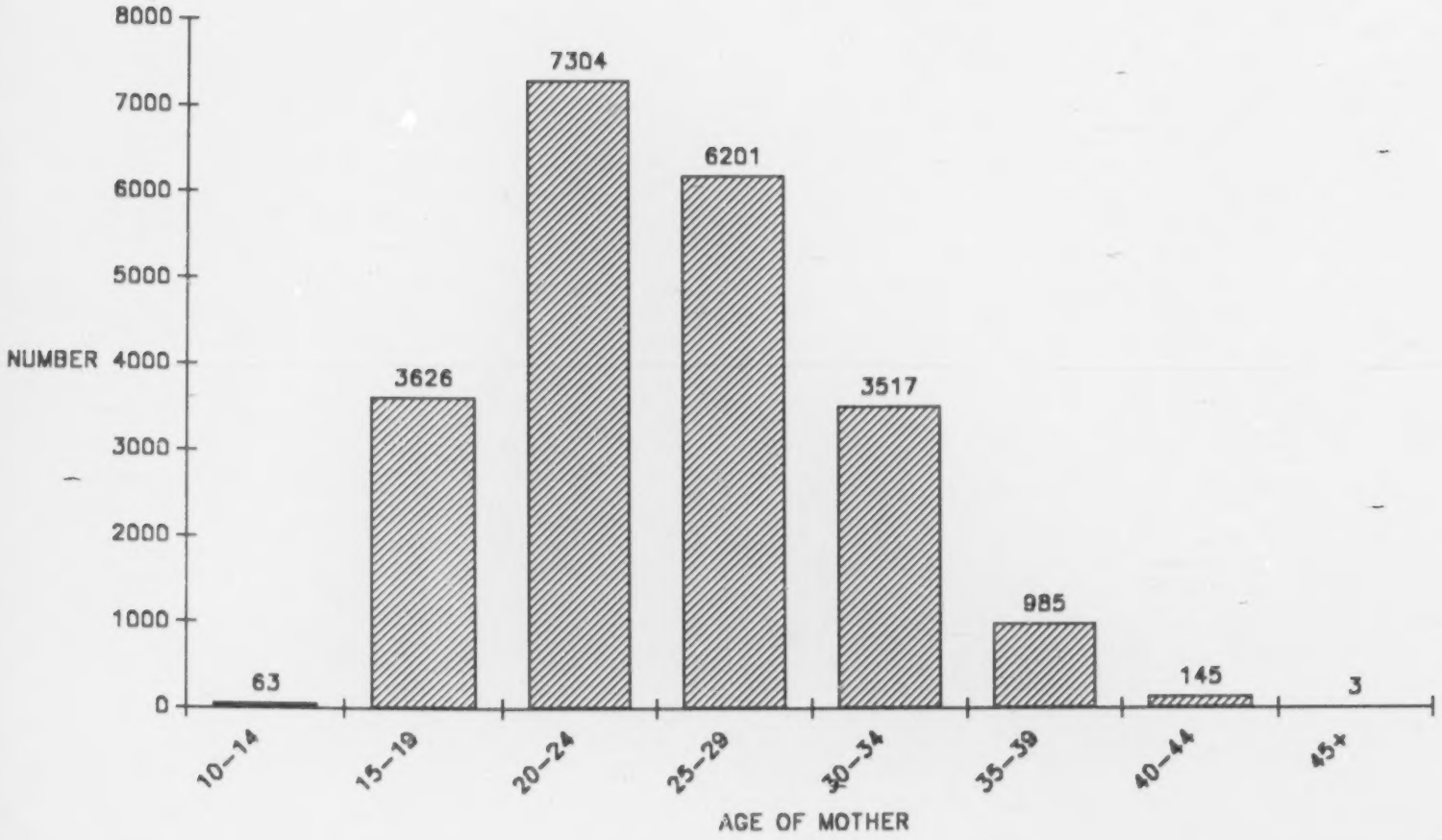
WEST VIRGINIA RESIDENT BIRTHS 1984-1988
Number by County of Residence
Table 7

COUNTY	1984	1985	1986	1987	1988	COUNTY	1984	1985	1986	1987	1988
BARBOUR	230	193	215	167	189	MONONGALIA	905	934	887	916	862
BERKELEY	724	759	785	821	861	MONROE	155	170	155	156	151
BOONE	382	342	375	309	315	MORGAN	115	139	111	122	145
BRAXTON	164	214	180	196	181	NICHOLAS	377	369	381	361	326
BROOKE	293	294	247	268	245	OHIO	700	694	672	659	676
CABELL	1,269	1,107	1,203	1,124	1,129	PENDLETON	113	115	109	113	114
CALHOUN	151	125	129	95	103	PLEASANTS	97	89	78	77	91
CLAY	156	174	189	153	138	POCAHONTAS	125	122	100	117	105
DODDRIDGE	98	81	75	69	51	PRESTON	464	424	392	358	384
FAYETTE	712	689	608	585	536	PUTNAM	493	584	578	542	515
GILMER	121	105	97	98	89	RALEIGH	988	1,063	916	865	853
GRANT	129	127	127	120	121	RANDOLPH	426	399	351	376	343
GREENBRIER	414	399	422	394	400	RITCHIE	129	141	121	113	110
HAMPSHIRE	190	204	192	216	187	ROANE	217	195	190	177	189
HANCOCK	425	418	369	374	330	SUMMERS	171	169	149	143	130
HARDY	113	127	115	111	148	TAYLOR	216	225	193	186	204
HARRISON	1,003	1,005	991	912	827	TUCKER	104	103	86	74	72
JACKSON	337	317	348	314	318	TYLER	152	126	147	110	102
JEFFERSON	462	485	511	531	530	UPSHUR	325	350	341	289	279
KANAWHA	2,779	2,801	2,721	2,732	2,557	WAYNE	521	525	523	505	497
LEWIS	225	241	233	208	207	WEBSTER	152	171	142	154	126
LINCOLN	342	296	291	298	276	WETZEL	291	271	299	244	257
LOGAN	631	630	576	519	531	WIRT	72	76	82	66	73
MCDOWELL	666	641	620	575	523	WOOD	1,163	1,145	1,131	1,137	1,127
MARION	798	718	650	696	657	WYOMING	461	399	380	343	340
MARSHALL	512	478	472	423	468						
MASON	360	347	284	307	314	TOTAL	24,551	24,108	23,179	22,424	21,849
MERCER	935	864	793	778	756						
MINERAL	361	356	302	337	324						
MINGO	637	573	545	491	467						

WEST VIRGINIA RESIDENT BIRTHS 1988
Birthweight in Grams
Exhibit 8



WEST VIRGINIA RESIDENT BIRTHS 1988
Age of Mother
Exhibit 9



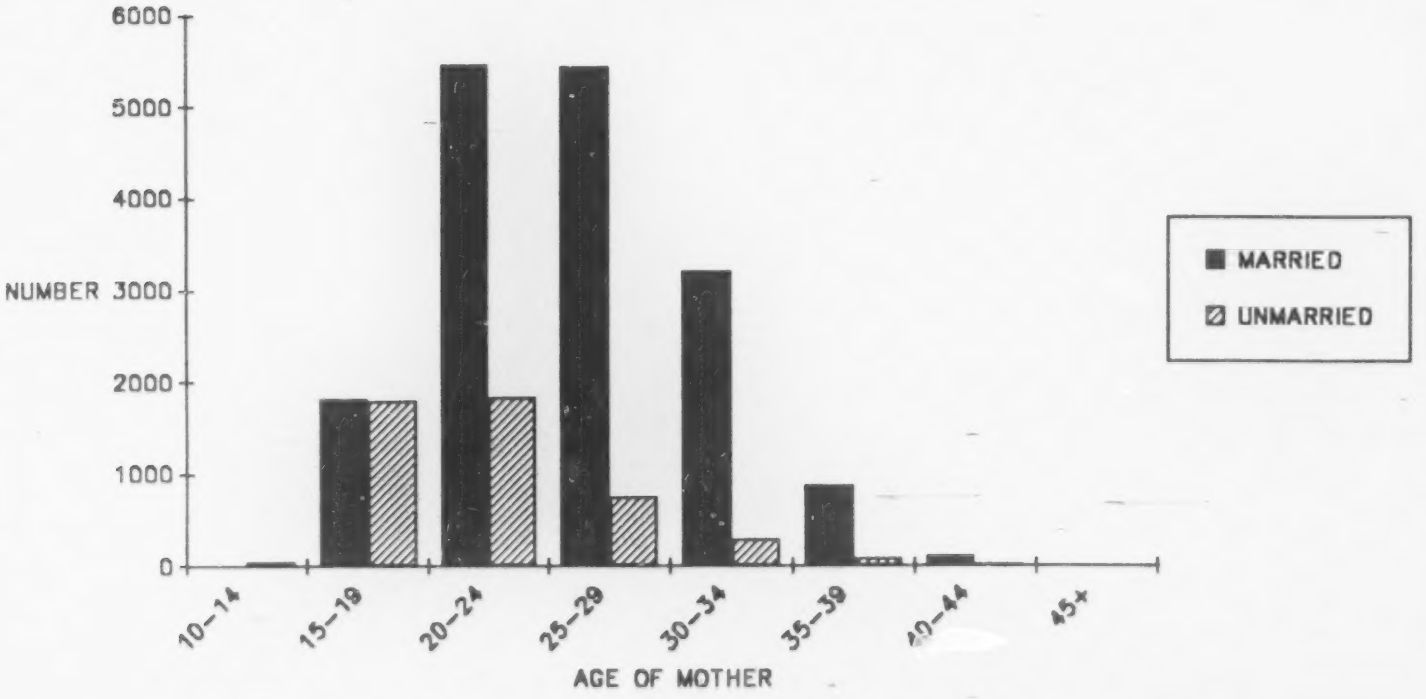
WEST VIRGINIA RESIDENT BIRTHS 1988
Birthweight by Age of Mother
Table 8

BIRTHWEIGHT	AGE OF MOTHER									
	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45 AND OVER	UNKNOWN	TOTAL
LESS THAN 1000 GRAMS (LESS THAN 2.205 LBS)	0	28	35	27	19	3	0	1	0	113
1,000 - 1,499 GRAMS (2.205 - 3.305 LBS.)	0	26	34	42	19	4	2	0	0	127
1,500 - 1,999 GRAMS (3.307 - 4.407 LBS.)	1	53	83	84	46	14	2	0	0	283
2,000 - 2,499 GRAMS (4.409 - 5.509 LBS.)	1	173	306	222	117	48	3	0	0	870
2,500 - 2,999 GRAMS (5.512 - 6.612 LBS.)	15	670	1,191	900	459	124	23	0	1	3,383
3,000 - 3,499 GRAMS (6.614 - 7.714 LBS.)	27	1,430	2,793	2,224	1,150	329	48	0	3	8,004
3,500 - 3,999 GRAMS (7.716 - 8.816 LBS.)	17	940	2,092	1,900	1,164	330	40	2	1	6,486
4,000 - 4,499 GRAMS (8.819 - 9.919 LBS.)	2	262	621	664	448	105	18	0	0	2,120
4,500 OR MORE GRAMS (9.921 OR MORE LBS.)	0	34	137	132	92	24	9	0	0	428
UNKNOWN	0	10	12	6	3	4	0	0	0	35
TOTAL	63	3,626	7,304	6,201	3,517	985	145	3	5	21,849

WEST VIRGINIA RESIDENT BIRTHS 1988
Age of Mother by County of Residence
Table 9

AREA	AGE OF MOTHER									
	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45 YEARS AND OVER	UNKNOWN	TOTAL
BARBOUR	0	45	61	54	22	7	0	0	0	189
BERKELEY	9	140	306	226	133	45	2	0	0	861
BOONE	0	62	117	91	29	14	2	0	0	315
BRAXTON	0	24	62	56	29	8	2	0	0	181
BROOKE	1	31	63	85	52	11	1	0	1	245
CABELL	2	182	372	290	216	61	6	0	0	1,129
CALHOUN	0	20	39	26	16	1	1	0	0	103
CLAY	1	35	49	31	17	4	1	0	0	138
DODDRIDGE	0	7	22	16	3	2	1	0	0	51
FAYETTE	2	88	199	142	77	26	2	0	0	536
GILMER	0	12	34	30	10	3	0	0	0	89
GRANT	0	21	43	41	15	1	0	0	0	121
GREENBRIER	1	69	142	91	71	19	6	1	0	400
HAMPSHIRE	1	23	72	55	26	8	2	0	0	187
HANCOCK	2	38	92	115	63	17	3	0	0	330
HARDY	1	21	54	51	15	5	1	0	0	148
HARRISON	0	135	268	258	120	37	9	0	0	827
JACKSON	0	50	98	109	47	13	1	0	0	318
JEFFERSON	3	91	167	150	87	27	5	0	0	530
KANAWHA	6	401	754	771	479	125	21	0	0	2,557
LEWIS	0	42	76	51	25	12	1	0	0	207
LINCOLN	0	62	108	66	29	8	2	1	0	276
LOGAN	2	114	210	126	56	20	3	0	0	531
MCDOWELL	1	138	204	111	49	17	2	0	1	523
MARION	2	98	206	199	120	30	1	0	1	657
MARSHALL	0	56	155	136	83	33	5	0	0	468
MASON	1	50	109	104	34	15	1	0	0	314
MERCER	2	151	250	207	117	24	5	0	0	756
MINERAL	0	50	112	95	54	12	1	0	0	324
MINGO	1	110	177	109	59	7	4	0	0	467
MONONGALIA	1	77	224	279	208	65	8	0	0	862
MONROE	0	21	52	46	21	8	2	0	1	151
MORGAN	0	26	51	34	28	5	1	0	0	145
NICHOLAS	2	72	118	81	37	12	4	0	0	326
OHIO	2	97	184	203	154	30	6	0	0	676
PENDLETON	0	16	40	32	20	5	1	0	0	114
PLEASANTS	0	15	26	27	17	6	0	0	0	91
POCAHONTAS	0	16	37	31	12	6	2	1	0	105
PRESTON	2	65	160	103	38	12	4	0	0	384
PUTNAM	1	54	146	176	117	20	1	0	0	515
RALEIGH	6	171	259	236	149	28	4	0	0	853
RANDOLPH	5	66	111	93	50	17	1	0	0	343
RITCHIE	0	16	36	30	20	8	0	0	0	110
ROANE	0	36	70	48	29	6	0	0	0	189
SUMMERS	0	27	44	38	14	5	2	0	0	130
TAYLOR	0	31	79	51	33	10	0	0	0	204
TUCKER	0	18	29	17	6	2	0	0	0	72
TYLER	0	15	30	33	16	8	0	0	0	102
UPSHUR	2	38	112	66	44	14	3	0	0	279
WAYNE	0	88	197	114	77	17	4	0	0	497
WEBSTER	0	29	47	30	13	6	1	0	0	126
WETZEL	2	44	91	66	38	15	1	0	0	257
WIRT	1	11	27	21	9	4	0	0	0	73
WOOD	0	137	384	360	184	54	7	0	1	1,127
WYOMING	1	74	129	94	30	10	2	0	0	340
TOTAL	63	3,626	7,304	6,201	3,517	985	145	3	5	21,849

WEST VIRGINIA RESIDENT BIRTHS 1988
Marital Status by Age of Mother
Exhibit 10



MARITAL STATUS	AGE OF MOTHER									
	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45 AND OVER	UNKNOWN	TOTAL
MARRIED:										
NUMBER	10	1,826	5,467	5,438	3,214	885	127	2	3	16,972
PERCENT	0.1	10.8	32.2	32.0	18.9	5.2	0.7	0.0	0.0	77.7
NOT MARRIED:										
NUMBER	53	1,800	1,837	763	303	100	18	1	2	4,877
PERCENT	1.1	36.9	37.7	15.6	6.2	2.1	0.4	0.0	0.0	22.3
TOTAL:										
NUMBER	63	3,626	7,304	6,201	3,517	985	145	3	5	21,849
PERCENT	0.3	16.6	33.4	28.4	16.1	4.5	0.7	0.0	0.0	100.0

WEST VIRGINIA RESIDENT BIRTHS 1988
Place of Delivery, Race and Sex of Child, and Marital Status of Mother
By County of Residence
Table 10

COUNTY OF RESIDENCE	PLACE OF DELIVERY		WHITE		NONWHITE		NUMBER OF BIRTHS TO UNMARRIED MOTHERS	TOTAL
	HOSPITAL	NONHOSPITAL	MALE	FEMALE	MALE	FEMALE		
BARBOUR	189	0	96	91	1	1	33	189
BERKELEY	857	4	416	397	24	24	241	861
BOONE	314	1	163	151	0	1	79	315
BRAXTON	179	2	74	106	1	0	30	181
BROOKE	244	1	121	120	4	0	39	245
CABELL	1,121	8	590	462	38	39	269	1,129
CALHOUN	103	0	53	49	0	1	19	103
CLAY	137	1	68	70	0	0	46	138
DODDRIDGE	50	1	31	20	0	0	6	51
FAYETTE	534	2	251	240	22	23	152	536
GILMER	88	1	50	39	0	0	20	89
GRANT	121	0	70	50	0	1	21	121
GREENBRIER	394	6	208	170	14	8	82	400
HAMPSHIRE	182	5	83	101	1	2	44	187
HANCOCK	329	1	146	171	9	4	71	330
HARDY	147	1	68	78	1	1	24	148
HARRISON	825	2	418	388	8	13	173	827
JACKSON	318	0	162	153	1	2	44	318
JEFFERSON	527	3	264	223	25	18	158	530
KANAWHA	2,555	2	1,161	1,130	145	121	640	2,557
LEWIS	205	2	121	85	1	0	50	207
LINCOLN	275	1	125	151	0	0	54	276
LOGAN	530	1	266	247	11	7	145	531
MCDOWELL	522	1	223	227	36	37	168	523
MARION	656	1	323	296	14	24	141	657
MARSHALL	457	11	239	223	5	1	115	468
MASON	314	0	167	143	3	1	37	314
MERCER	753	3	356	329	35	36	173	756
MINERAL	322	2	167	149	5	3	49	324
MINGO	467	0	242	219	3	3	110	467
MONONGALIA	850	12	410	401	20	31	132	862
MONROE	147	4	84	61	2	4	25	151
MORGAN	143	2	77	68	0	0	26	145
NICHOLAS	326	0	166	159	1	0	65	326
OHIO	675	1	299	326	28	23	186	676
PENDLETON	113	1	53	56	2	3	21	114
PLEASANTS	91	0	54	36	0	1	18	91
POCAHONTAS	102	3	69	36	0	0	25	105
PRESTON	383	1	209	173	1	1	58	384
PUTNAM	514	1	247	264	2	2	66	515
RALEIGH	852	1	404	347	46	56	205	853
RANDOLPH	342	1	168	174	1	0	70	343
RITCHIE	108	2	59	50	1	0	22	110
ROANE	189	0	95	93	1	0	32	189
SUMMERS	129	1	72	53	2	3	38	130
TAYLOR	204	0	99	103	2	0	38	204
TUCKER	71	1	33	39	0	0	9	72
TYLER	102	0	48	53	0	1	19	102
UPSHUR	279	0	141	136	1	1	48	279
WAYNE	495	2	259	238	0	0	108	497
WEBSTER	126	0	73	53	0	0	39	126
WETZEL	256	1	121	136	0	0	59	257
WIRT	73	0	28	44	1	0	14	73
WOOD	1,124	3	557	548	10	12	252	1,127
WYOMING	339	1	177	158	2	3	69	340
TOTAL	21,748	101	10,724	10,083	530	512	4,877	21,849

WEST VIRGINIA RESIDENT BIRTHS 1988
Trimester Prenatal Care Began
By County of Residence
Table 11

COUNTY OF RESIDENCE	FIRST TRIMESTER		SECOND TRIMESTER		THIRD TRIMESTER		NO CARE		UNKNOWN		TOTAL
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	
BARBOUR	146	77.2	35	18.5	5	2.6	2	1.1	1	0.5	189
BERKELEY	605	70.3	175	20.3	55	6.4	12	1.4	14	1.6	861
BOONE	194	61.6	85	27.0	13	4.1	3	1.0	20	6.3	315
BRAXTON	128	70.7	32	17.7	8	4.4	1	0.6	12	6.6	181
BROOKE	189	77.1	36	14.7	13	5.3	3	1.2	4	1.6	245
CABELL	892	79.0	202	17.9	22	1.9	8	0.7	5	0.4	1,129
CALHOUN	77	74.8	23	22.3	2	1.9	0	0.0	1	1.0	103
CLAY	93	67.4	28	20.3	10	7.2	2	1.4	5	3.6	138
DODDRIDGE	40	78.4	8	15.7	1	2.0	1	2.0	1	2.0	51
FAYETTE	345	64.4	151	28.2	24	4.5	2	0.4	14	2.6	536
GILMER	57	64.0	25	28.1	2	2.2	0	0.0	5	5.6	89
GRANT	104	86.0	14	11.6	2	1.7	0	0.0	1	0.8	121
GREENBRIER	292	73.0	78	19.5	17	4.2	5	1.2	8	2.0	400
HAMPSHIRE	111	59.4	60	32.1	7	3.7	6	3.2	3	1.6	187
HANCOCK	246	74.5	61	18.5	13	3.9	8	2.4	2	0.6	330
HARDY	117	79.1	23	15.5	3	2.0	1	0.7	4	2.7	148
HARRISON	650	78.6	139	16.8	25	3.0	7	0.8	6	0.7	827
JACKSON	232	73.0	67	21.1	11	3.5	2	0.6	6	1.9	318
JEFFERSON	389	73.4	96	18.1	29	5.5	8	1.5	8	1.5	530
KANAWHA	1,822	71.3	494	19.3	108	4.2	18	0.7	115	4.5	2,557
LEWIS	158	76.3	33	15.9	2	1.0	2	1.0	12	5.8	207
LINCOLN	202	73.2	65	23.6	3	1.1	2	0.7	4	1.4	276
LOGAN	188	35.4	286	53.9	25	4.7	7	1.3	25	4.7	531
MCDOWELL	226	43.2	172	32.9	93	17.8	12	2.3	20	3.8	523
MARION	474	72.1	134	20.4	35	5.3	7	1.1	7	1.1	657
MARSHALL	331	70.7	93	19.9	21	4.5	8	1.7	15	3.2	468
MASON	228	72.6	61	19.4	15	4.8	0	0.0	10	3.2	314
MERCER	406	53.7	223	29.5	95	12.6	8	1.1	24	3.2	756
MINERAL	238	73.5	71	21.9	5	1.5	7	2.2	3	0.9	324
MINGO	214	45.8	215	46.0	19	4.1	11	2.4	8	1.7	467
MONONGALIA	712	82.6	103	11.9	24	2.8	8	0.9	15	1.7	862
MONROE	92	60.9	32	21.2	18	11.9	1	0.7	8	5.3	151
MORGAN	102	70.3	32	22.1	8	5.5	0	0.0	3	2.1	145
NICHOLAS	230	70.6	77	23.6	12	3.7	2	0.6	5	1.5	326
OHIO	454	67.2	162	24.0	51	7.5	4	0.6	5	0.7	676
PENDLETON	77	67.5	28	24.6	0	0.0	1	0.9	8	7.0	114
PLEASANTS	69	75.8	16	17.6	4	4.4	0	0.0	2	2.2	91
POCAHONTAS	75	71.4	18	17.1	8	7.6	0	0.0	4	3.8	105
PRESTON	293	76.3	76	19.8	9	2.3	2	0.5	4	1.0	384
PUTNAM	401	77.9	89	17.3	17	3.3	1	0.2	7	1.4	515
RALEIGH	584	68.5	201	23.6	26	3.0	9	1.1	33	3.9	853
RANDOLPH	249	72.6	69	20.1	20	5.8	1	0.3	4	1.2	343
RITCHIE	77	70.0	24	21.8	6	5.5	0	0.0	3	2.7	110
ROANE	120	63.5	49	25.9	9	4.8	0	0.0	11	5.8	189
SUMMERS	84	64.6	36	27.7	8	6.2	0	0.0	2	1.5	130
TAYLOR	145	71.1	52	25.5	5	2.5	1	0.5	1	0.5	204
TUCKER	51	70.8	11	15.3	8	11.1	1	1.4	1	1.4	72
TYLER	72	70.6	26	25.5	4	3.9	0	0.0	0	0.0	102
UPSHUR	202	72.4	59	21.1	13	4.7	0	0.0	5	1.8	279
WAYNE	381	76.7	93	18.7	13	2.6	4	0.8	6	1.2	497
WEBSTER	87	69.0	31	24.6	5	4.0	1	0.8	2	1.6	126
WETZEL	170	66.1	66	25.7	21	8.2	0	0.0	0	0.0	257
WIRT	52	71.2	14	19.2	2	2.7	0	0.0	5	6.8	73
WOOD	804	71.3	211	18.7	42	3.7	22	2.0	48	4.3	1,127
WYOMING	196	57.6	110	32.4	19	5.6	4	1.2	11	3.2	340
TOTAL	15,173	69.4	4,870	22.3	1,035	4.7	215	1.0	556	2.5	21,849

WEST VIRGINIA RESIDENT BIRTHS 1988
Prenatal Care by Child's Race and Mother's Marital Status and Education
Table 12

BIRTH CHARACTERISTICS	TIME PRENATAL CARE BEGAN					TOTAL
	FIRST TRIMESTER	SECOND TRIMESTER	THIRD TRIMESTER	NO CARE	UNKNOWN	
CHILD'S RACE: WHITE						
MOTHER'S MARITAL STATUS:						
MARRIED	12,506	3,029	554	77	342	16,508
NOT MARRIED	2,102	1,531	390	103	173	4,299
TOTAL	14,608	4,560	944	180	515	20,807
MOTHER'S EDUCATION LEVEL:						
UNDER 5 YEARS	5	3	1	0	1	10
5-8 YEARS	445	347	111	17	39	959
9-11 YEARS	2,526	1,550	343	74	151	4,644
12 YEARS	6,665	1,988	356	67	213	9,289
13-15 YEARS	2,600	426	90	15	61	3,192
16 YEARS OR MORE	2,291	201	29	5	34	2,560
UNKNOWN	76	45	14	2	16	153
TOTAL	14,608	4,560	944	180	515	20,807
CHILD'S RACE: NONWHITE						
MOTHER'S MARITAL STATUS:						
MARRIED	314	102	25	4	19	464
NOT MARRIED	251	208	66	31	22	578
TOTAL	565	310	91	35	41	1,042
MOTHER'S EDUCATION LEVEL:						
UNDER 5 YEARS	0	0	0	0	0	0
5-8 YEARS	14	8	2	2	0	26
9-11 YEARS	95	71	30	13	7	216
12 YEARS	227	154	35	15	17	448
13-15 YEARS	124	55	18	4	13	214
16 YEARS OR MORE	96	16	4	0	2	118
UNKNOWN	9	6	2	1	2	20
TOTAL	565	310	91	35	41	1,042

WEST VIRGINIA RESIDENT BIRTHS 1988
Prenatal Care Visits by County of Residence
Table 13

COUNTY OF RESIDENCE	PRENATAL CARE VISITS												TOTAL
	NO VISITS		1 TO 5 VISITS		6 TO 10 VISITS		11 TO 15 VISITS		16 OR MORE VISITS		UNKNOWN		
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	
BARBOUR	2	1.1	9	4.8	53	28.0	104	55.0	19	10.1	2	1.1	189
BERKELEY	13	1.5	36	4.2	230	26.7	451	52.4	107	12.4	24	2.8	861
BOONE	3	1.0	28	8.9	146	46.3	112	35.6	10	3.2	16	5.1	315
BRAXTON	1	0.6	9	5.0	51	28.2	81	44.8	13	7.2	26	14.4	181
BROOKE	3	1.2	12	4.9	57	23.3	154	62.9	15	6.1	4	1.6	245
CABELL	8	0.7	32	2.8	375	33.2	683	60.5	27	2.4	4	0.4	1,129
CALHOUN	0	0.0	3	2.9	56	54.4	38	36.9	3	2.9	3	2.9	103
CLAY	2	1.4	4	2.9	49	35.5	60	43.5	19	13.8	4	2.9	138
DODDRIDGE	1	2.0	4	7.8	17	33.3	25	49.0	2	3.9	2	3.9	51
FAYETTE	2	0.4	44	8.2	214	39.9	224	41.8	50	9.3	2	0.4	536
GILMER	0	0.0	10	11.2	32	36.0	31	34.8	5	5.6	11	12.4	89
GRANT	0	0.0	2	1.7	26	21.5	76	62.8	15	12.4	2	1.7	121
GREENBRIER	5	1.2	16	4.0	89	22.2	236	59.0	50	12.5	4	1.0	400
HAMPSHIRE	6	3.2	19	10.2	45	24.1	111	59.4	1	0.5	5	2.7	187
HANCOCK	8	2.4	7	2.1	81	24.5	192	58.2	38	11.5	4	1.2	330
HARDY	1	0.7	6	4.1	32	21.6	96	64.9	7	4.7	6	4.1	148
HARRISON	7	0.8	41	5.0	219	26.5	487	58.9	65	7.9	8	1.0	827
JACKSON	2	0.6	12	3.8	128	40.3	143	45.0	21	6.6	12	3.8	318
JEFFERSON	8	1.5	55	10.4	152	28.7	258	48.7	45	8.5	12	2.3	530
KANAWHA	19	0.7	110	4.3	1,148	44.9	1,046	40.9	120	4.7	114	4.5	2,557
LEWIS	2	1.0	5	2.4	61	29.5	88	42.5	8	3.9	43	20.8	207
LINCOLN	2	0.7	3	1.1	115	41.7	144	52.2	6	2.2	6	2.2	276
LOGAN	7	1.3	114	21.5	284	53.5	99	18.6	9	1.7	18	3.4	531
MCDOWELL	13	2.5	177	33.8	218	41.7	97	18.5	6	1.1	12	2.3	523
MARION	7	1.1	51	7.8	329	50.1	242	36.8	22	3.3	6	0.9	657
MARSHALL	8	1.7	24	5.1	144	30.8	260	55.6	19	4.1	13	2.8	468
MASON	0	0.0	19	6.1	126	40.1	152	48.4	12	3.8	5	1.6	314
MERCER	8	1.1	200	26.5	412	54.5	116	15.3	13	1.7	7	0.9	756
MINERAL	7	2.2	11	3.4	151	46.6	143	44.1	9	2.8	3	0.9	324
MINGO	12	2.6	97	20.8	210	45.0	125	26.8	14	3.0	9	1.9	467
MONONGALIA	8	0.9	22	2.6	172	20.0	538	62.4	106	12.3	16	1.9	862
MONROE	1	0.7	23	15.2	60	39.7	56	37.1	5	3.3	6	4.0	151
MORGAN	0	0.0	7	4.8	29	20.0	97	66.9	9	6.2	3	2.1	145
NICHOLAS	2	0.6	25	7.7	112	34.4	149	45.7	34	10.4	4	1.2	326
OHIO	5	0.7	43	6.4	187	27.7	414	61.2	24	3.6	3	0.4	676
PENDLETON	1	0.9	8	7.0	41	36.0	46	40.4	10	8.8	8	7.0	114
PLEASANTS	0	0.0	11	12.1	23	25.3	45	49.5	7	7.7	5	5.5	91
POCAHONTAS	0	0.0	6	5.7	36	34.3	52	49.5	9	8.6	2	1.9	105
PRESTON	2	0.5	22	5.7	130	33.9	182	47.4	41	10.7	7	1.8	384
PUTNAM	1	0.2	20	3.9	190	36.9	266	51.7	30	5.8	8	1.6	515
RALEIGH	9	1.1	66	7.7	227	26.6	402	47.1	143	16.8	6	0.7	853
RANDOLPH	1	0.3	26	7.6	109	31.8	174	50.7	32	9.3	1	0.3	343
RITCHIE	0	0.0	5	4.5	47	42.7	43	39.1	8	7.3	7	6.4	110
ROANE	0	0.0	13	6.9	94	49.7	64	33.9	9	4.8	9	4.8	189
SUMMERS	0	0.0	11	8.5	44	33.8	65	50.0	9	6.9	1	0.8	130
TAYLOR	1	0.5	16	7.8	71	34.8	99	48.5	16	7.8	1	0.5	204
TUCKER	1	1.4	6	8.3	23	31.9	38	52.8	4	5.6	0	0.0	72
TYLER	0	0.0	8	7.8	50	49.0	40	39.2	4	3.9	0	0.0	102
UPSHUR	0	0.0	16	5.7	95	34.1	131	47.0	18	6.5	19	6.8	279
WAYNE	4	0.8	26	5.2	179	36.0	272	54.7	11	2.2	5	1.0	497
WEBSTER	1	0.8	2	1.6	42	33.3	53	42.1	24	19.0	4	3.2	126
WETZEL	0	0.0	34	13.2	112	43.6	104	40.5	5	1.9	2	0.8	257
WIRT	0	0.0	3	4.1	26	35.6	32	43.8	3	4.1	9	12.3	73
WOOD	22	2.0	65	5.8	374	33.2	493	43.7	69	6.1	104	9.2	1,127
WYOMING	6	1.8	52	15.3	128	37.6	122	35.9	24	7.1	8	2.4	340
TOTAL	222	1.0	1,696	7.8	7,851	35.9	10,051	46.0	1,404	6.4	625	2.9	21,849

WEST VIRGINIA RESIDENT BIRTHS 1988
Number and Rate by City
Table 14

CITIES WITH POPULATION OF 10,000 OR LARGER	1986* POPULATION	NUMBER OF RESIDENT BIRTHS	RATE PER 1,000 POPULATION
Beckley	19,600	293	14.9
Bluefield	14,400	160	11.1
Charleston	57,900	795	13.7
Clarksburg	20,000	204	10.2
Fairmont	22,300	233	10.4
Huntington	59,300	765	12.9
Martinsburg	13,200	300	22.7
Morgantown	26,800	374	14.0
Moundsville	11,600	173	14.9
Parkersburg	38,500	503	13.1
Saint Albans	12,000	165	13.8
South Charleston	15,000	133	8.9
Vienna	11,400	117	10.3
Weirton	23,600	192	8.1
Wheeling	40,000	514	12.9

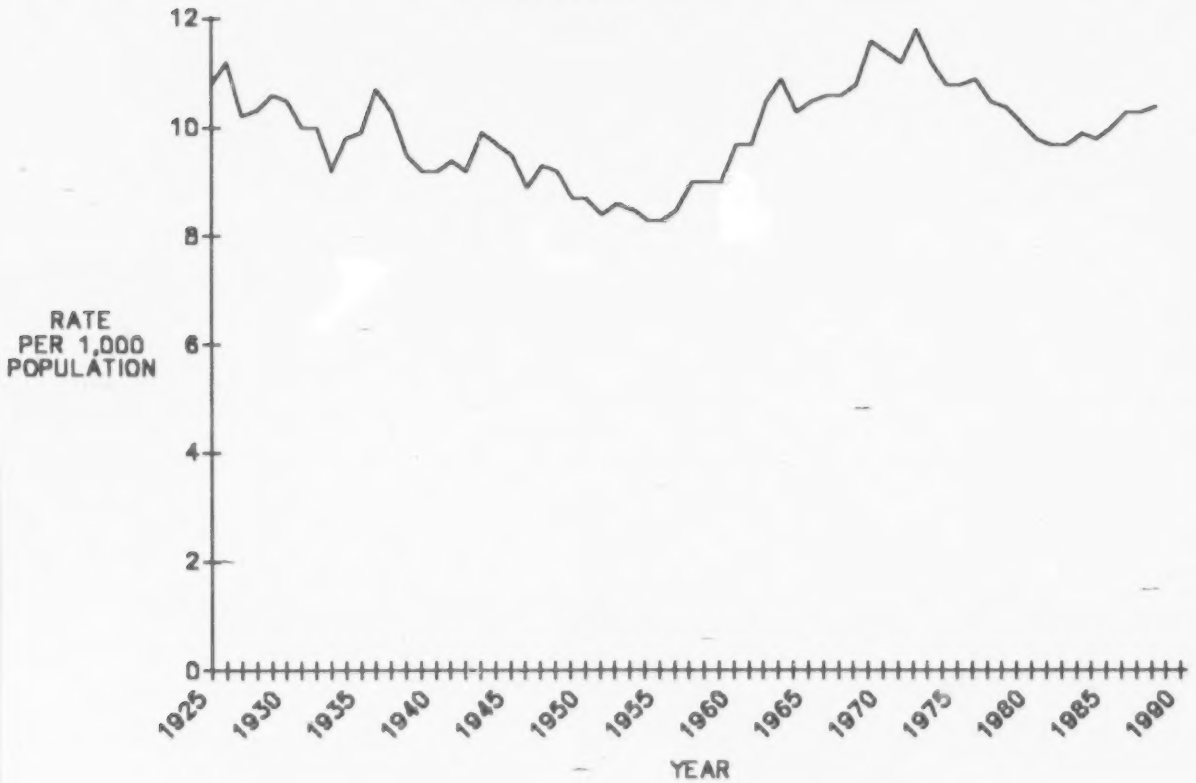
*U.S. Department of Commerce, Bureau of the Census. Current Population Reports, Series P-26, No. 86-S-SC, March 1988. (Latest city population estimates available for rate calculations.)

WEST VIRGINIA RESIDENT BIRTHS 1984-1988
Out-of-State Occurrences
Table 15

STATE	1984 BIRTHS	1985 BIRTHS	1986 BIRTHS	1987 BIRTHS	1988 BIRTHS
Virginia	798	768	708	742	701
Maryland	666	584	498	501	495
Ohio	472	464	486	484	512
Kentucky	193	152	117	145	104
Pennsylvania	86	113	92	127	102
All Other States	26	35	38	46	44
Total	2,241	2,116	1,939	2,045	1,958

DEATHS

WEST VIRGINIA RESIDENT DEATHS 1925-1988
Number and Rate
Exhibit 11



YEAR OF DEATH	NUMBER OF DEATHS	RATE PER 1,000 POPULATION
1925	17,132	10.8
1930	18,220	10.5
1935	18,342	9.9
1940	17,577	9.2
1945	16,464	9.6
1950	17,459	8.7
1955	16,712	8.9
1960	18,040	9.7
1965	19,121	10.7
1970	19,924	11.4
1975	19,479	10.8
1980	19,178	9.8
1981	19,039	9.7
1982	18,976	9.7
1983	19,293	9.9
1984	19,182	9.8
1985	19,425	10.0
1986	19,859	10.3
1987	19,763	10.3
1988	19,780	10.4

WEST VIRGINIA RESIDENT DEATHS 1988
County of Residence by Race and Sex
Table 16

COUNTY	WHITE		NONWHITE		TOTAL
	MALE	FEMALE	MALE	FEMALE	
BARBOUR	101	86	0	1	188
BERKELEY	282	227	22	9	540
BOONE	138	127	4	4	273
BRAXTON	94	94	0	1	189
BROOKE	145	191	1	1	338
CABELL	550	565	34	33	1,182
CALHOUN	46	37	1	0	84
CLAY	62	49	0	0	111
DODDRIDGE	44	28	0	0	72
FAYETTE	273	261	36	30	600
GILMER	43	49	0	0	92
GRANT	53	46	0	0	99
GREENBRIER	240	234	9	9	492
HAMPSHIRE	108	77	0	0	185
HANCOCK	188	168	9	4	369
HARDY	59	41	0	1	101
HARRISON	414	449	7	5	875
JACKSON	150	125	1	1	277
JEFFERSON	153	131	21	17	322
KANAWHA	1,137	1,103	73	86	2,399
LEWIS	96	109	0	0	205
LINCOLN	106	102	0	0	208
LOGAN	207	177	13	13	410
MCDOWELL	210	181	55	49	495
MARION	351	339	15	16	721
MARSHALL	212	159	0	0	371
MASON	162	151	1	1	315
MERCER	357	336	31	40	764
MINERAL	150	153	6	5	314
MINGO	184	141	3	6	334
MONONGALIA	287	293	7	5	592
MONROE	79	63	5	5	152
MORGAN	68	77	1	3	149
NICHOLAS	124	110	0	0	234
OHIO	323	335	5	9	672
PENDLETON	41	34	1	2	78
PLEASANTS	39	29	0	0	68
POCAHONTAS	61	53	1	2	117
PRESTON	163	141	0	1	305
PUTNAM	165	148	1	0	314
RALEIGH	396	380	44	48	868
RANDOLPH	157	151	2	1	311
RITCHIE	80	49	0	0	129
ROANE	84	68	0	0	152
SUMMERS	81	68	6	2	157
TAYLOR	90	92	0	1	183
TUCKER	55	54	0	0	109
TYLER	61	56	0	0	117
UPSHUR	127	113	0	0	240
WAYNE	217	160	0	0	377
WEBSTER	80	51	0	0	131
WETZEL	112	110	0	0	222
WIRT	25	30	0	0	55
WOOD	404	422	4	4	834
WYOMING	150	133	3	3	289
TOTAL	9,784	9,156	422	418	19,780

WEST VIRGINIA DEATHS 1988
Number by County of Residence and Occurrence
Table 17

COUNTY	RESIDENCE	OCCURRENCE	COUNTY	RESIDENCE	OCCURRENCE
BARBOUR	188	126	MONONGALIA	592	1,131
BERKELEY	540	803	MONROE	152	52
BOONE	273	165	MORGAN	149	95
BRAXTON	189	123	NICHOLAS	234	196
BROOKE	338	372	OHIO	672	1,104
CABELL	1,182	1,774	PENDLETON	78	40
CALHOUN	84	51	PLEASANTS	68	20
CLAY	111	51	POCAHONTAS	117	95
DODDRIDGE	72	29	PRESTON	305	183
FAYETTE	600	462	PUTNAM	314	277
GILMER	92	41	RALEIGH	868	1,153
GRANT	99	101	RANDOLPH	311	370
GREENBRIER	492	420	RITCHIE	129	53
HAMPSHIRE	185	102	ROANE	152	111
HANCOCK	369	101	SUMMERS	157	153
HARDY	101	42	TAYLOR	183	141
HARRISON	875	1,101	TUCKER	109	60
JACKSON	277	242	TYLER	117	66
JEFFERSON	322	233	UPSHUR	240	194
KANAWHA	2,399	2,845	WAYNE	377	319
LEWIS	205	169	WEBSTER	131	78
LINCOLN	208	64	WETZEL	222	181
LOGAN	410	376	WIRT	55	15
MCDOWELL	495	260	WOOD	834	1,121
MARION	721	578	WYOMING	289	69
MARSHALL	371	306			
MASON	315	259			
MERCER	764	1,041	TOTAL	19,780*	19,841
MINERAL	314	172			
MINGO	334	155			

*INCLUDES 1,785 WEST VIRGINIA RESIDENT DEATHS OCCURRING OUT-OF-STATE.

WEST VIRGINIA RESIDENT DEATHS 1988
Out-of-State Occurrences
Table 18

STATE	NUMBER OF DEATHS
Virginia	478
Ohio	435
Maryland	311
Pennsylvania	169
Kentucky	155
Florida	45
North Carolina	39
District of Columbia	29
Tennessee	22
Texas	15
South Carolina	13
Other States	74
TOTAL	1,785

WEST VIRGINIA RESIDENT DEATHS 1984-1988
Number by County of Residence
Table 19

COUNTY	1984	1985	1986	1987	1988	COUNTY	1984	1985	1986	1987	1988
BARBOUR	172	176	161	185	188	MONONGALIA	511	557	613	615	592
BERKELEY	521	523	504	471	540	MONROE	139	132	145	139	152
BOONE	311	266	283	294	273	MORGAN	125	130	126	133	149
BRAXTON	186	159	164	178	189	NICHOLAS	262	249	240	271	234
BROOKE	279	270	321	298	338	OHIO	718	761	706	757	672
CABELL	1,168	1,159	1,209	1,186	1,182	PENDLETON	76	106	70	89	78
CALHOUN	87	97	84	101	84	PLEASANTS	69	91	70	68	68
CLAY	99	94	95	105	111	POCAHONTAS	119	132	137	125	117
DODDRIDGE	63	68	84	81	72	PRESTON	294	301	293	305	305
FAYETTE	604	661	693	629	600	PUTNAM	269	304	267	300	314
GILMER	65	69	62	101	92	RALEIGH	869	864	927	842	868
GRANT	85	104	95	90	99	RANDOLPH	301	271	293	325	311
GREENBRIER	441	415	429	399	492	RITCHIE	127	125	136	126	129
HAMPSHIRE	145	141	151	153	185	ROANE	153	171	166	169	152
HANCOCK	375	367	380	381	369	SUMMERS	153	156	181	197	157
HARDY	103	128	127	107	101	TAYLOR	190	166	180	165	183
HARRISON	882	879	893	885	875	TUCKER	112	102	91	93	109
JACKSON	202	205	213	260	277	TYLER	102	116	116	128	117
JEFFERSON	291	294	297	291	322	UPSHUR	191	241	225	256	240
KANAWHA	2,243	2,298	2,409	2,355	2,399	WAYNE	390	383	410	419	377
LEWIS	230	218	229	203	205	WEBSTER	108	145	128	116	131
LINCOLN	235	223	188	231	208	WETZEL	229	211	222	227	222
LOGAN	469	461	481	449	410	WIRT	49	54	52	49	55
MCDOWELL	450	474	485	470	495	WOOD	861	888	920	885	834
MARION	692	752	709	729	721	WYOMING	288	283	295	259	289
MARSHALL	386	361	390	409	371						
MASON	273	245	284	272	315						
MERCER	795	791	777	741	764	TOTAL	19,182	19,425	19,859	19,763	19,780
MINERAL	273	250	265	319	314						
MINGO	352	338	388	332	334						

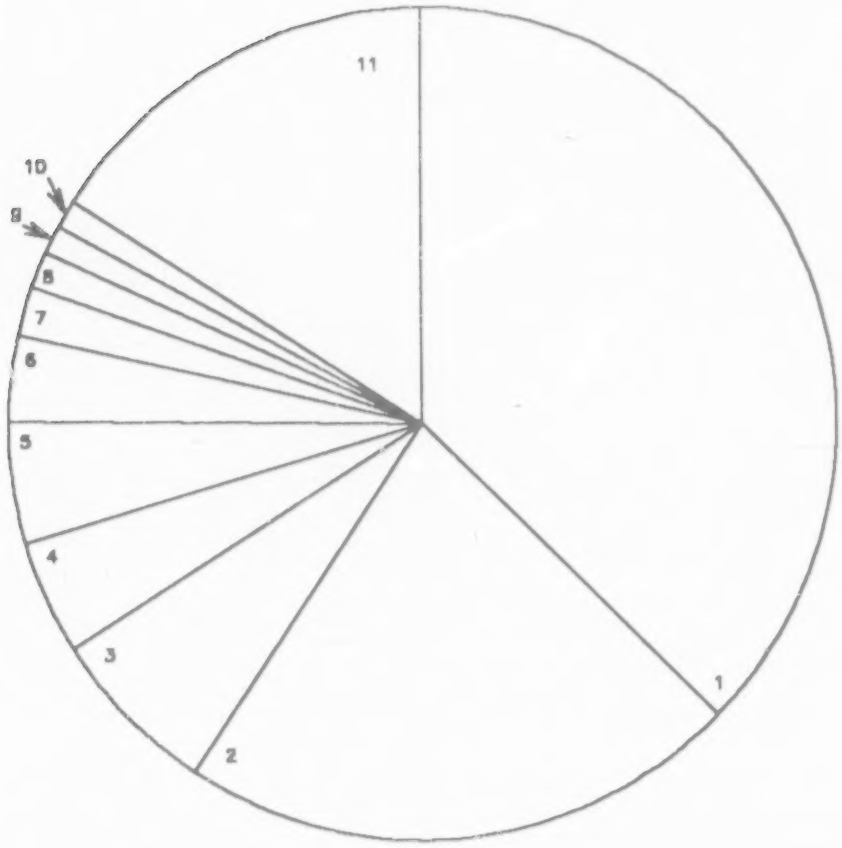
WEST VIRGINIA RESIDENT DEATHS 1988
County of Residence by Age at Death
Table 20

COUNTY	AGE IN YEARS													TOTAL
	LESS THAN ONE	1-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 AND OVER	UNKNOWN	
BARBOUR	0	0	2	2	5	0	3	9	26	47	54	40	0	188
BERKELEY	6	4	0	2	24	13	23	33	80	134	141	80	0	540
BOONE	0	0	0	2	8	3	9	21	44	70	79	37	0	273
BRAXTON	3	0	2	0	4	3	7	6	19	35	65	45	0	189
BROOKE	4	1	1	0	1	4	5	16	5	87	100	68	0	338
CABELL	13	2	1	1	9	14	32	55	157	290	359	269	0	1,182
CALHOUN	0	0	0	0	0	3	3	3	8	21	28	18	0	84
CLAY	1	1	0	1	1	2	4	4	17	31	31	18	0	111
DODDRIDGE	1	0	0	0	1	2	2	1	5	20	24	16	0	72
FAYETTE	8	2	2	2	3	9	23	26	72	154	192	105	0	600
GILMER	2	2	1	1	1	2	5	4	9	19	26	20	0	92
GRANT	1	0	0	0	3	2	1	6	14	21	30	21	0	99
GREENBRIER	2	0	0	1	7	7	7	30	57	105	154	122	0	492
HAMPSHIRE	1	0	0	0	3	4	8	10	29	39	54	35	0	185
HANCOCK	1	0	0	1	3	9	13	25	52	97	110	58	0	369
HARDY	2	0	0	0	4	2	1	6	7	25	33	21	0	101
HARRISON	7	0	3	1	13	8	31	34	116	207	274	180	1	875
JACKSON	4	1	0	1	4	8	6	11	32	59	84	67	0	277
JEFFERSON	3	0	0	0	5	12	4	16	45	92	96	49	0	322
KANAWHA	18	7	6	5	37	43	67	129	307	619	702	459	0	2,399
LEWIS	2	0	0	2	3	2	6	12	31	41	62	44	0	205
LINCOLN	6	2	0	0	3	2	10	13	31	58	50	33	0	208
LOGAN	2	0	0	2	6	11	20	35	58	108	111	57	0	410
MCDOWELL	11	7	0	1	10	15	21	27	86	126	125	68	0	495
MARION	7	2	1	1	6	13	12	33	86	181	225	153	1	721
MARSHALL	2	1	0	0	4	5	8	21	65	81	130	54	0	371
MASON	2	0	1	0	4	9	5	15	49	63	89	78	0	315
MERCER	8	2	0	3	8	12	19	45	101	190	219	157	0	764
MINERAL	5	1	1	0	6	1	8	19	36	85	101	51	0	314
MINGO	4	2	0	1	11	10	16	34	55	75	86	40	0	334
MONONGALIA	4	1	0	1	5	11	20	27	77	155	152	139	0	592
MONROE	0	1	0	0	3	7	5	3	12	40	59	22	0	152
MORGAN	0	1	0	0	2	1	8	7	22	41	30	37	0	149
NICHOLAS	1	0	0	2	7	4	6	12	30	59	67	46	0	234
OHIO	8	1	1	1	4	7	12	23	106	165	200	144	0	672
PENDLETON	1	0	0	1	2	3	0	6	11	13	26	15	0	78
PLEASANTS	1	0	0	0	0	2	1	4	7	19	19	15	0	68
POCAHONTAS	1	0	1	0	4	3	2	4	12	36	33	21	0	117
PRESTON	7	0	0	1	4	9	7	15	44	68	89	61	0	305
PUTNAM	4	0	0	2	3	9	8	12	44	74	108	50	0	314
RALEIGH	7	0	4	4	11	16	20	40	107	259	254	146	0	868
RANDOLPH	8	1	0	0	3	7	7	16	33	62	113	61	0	311
RITCHIE	0	0	0	0	3	5	3	3	12	27	50	26	0	129
ROANE	2	1	0	0	4	4	7	4	15	42	44	27	0	152
SUMMERS	1	0	0	1	2	2	5	10	20	35	49	32	0	157
TAYLOR	0	0	0	1	0	4	4	7	25	47	51	44	0	183
TUCKER	2	0	0	0	4	4	1	1	9	18	35	31	0	109
TYLER	1	0	1	0	2	0	4	4	12	28	34	31	0	117
UPSHUR	0	1	1	1	4	3	4	9	19	54	75	66	1	240
WAYNE	8	4	3	0	4	7	11	26	51	98	104	62	0	377
WEBSTER	0	0	0	0	2	3	4	5	14	28	49	26	0	131
WETZEL	3	0	0	2	3	5	7	13	26	52	62	49	0	222
WIRT	1	0	0	0	0	0	1	4	3	16	16	14	0	55
WOOD	8	2	0	1	12	12	20	43	102	209	245	180	0	834
WYOMING	3	0	0	1	8	7	13	22	43	72	71	49	0	289
TOTAL	197	50	32	49	301	369	559	1,019	2,581	4,324	5,867	3,857	3	19,780

WEST VIRGINIA RESIDENT DEATHS 1988
Place Death Occurred by County of Residence
Table 21

COUNTY	PLACE DEATH OCCURRED								
	HOSPITAL	OUT-OF-STATE HOSPITAL	ENROUTE TO HOSPITAL	CLINIC OR CENTER	LICENSED NURSING HOME	UNLICENSED PERSONAL CARE	HOME	OTHER AND UNKNOWN	TOTAL
BARBOUR	110	6	35	0	14	2	19	2	188
BERKELEY	339	53	5	0	41	11	70	21	540
BOONE	184	2	42	1	9	1	28	6	273
BRAXTON	113	6	6	0	16	0	44	4	189
BROOKE	132	89	8	0	43	6	57	3	338
CABELL	694	21	262	0	82	7	108	8	1,182
CALHOUN	47	3	2	0	11	0	18	3	84
CLAY	52	3	3	0	6	1	43	3	111
DODDRIDGE	36	2	2	0	5	1	23	3	72
FAYETTE	402	13	28	0	46	8	85	18	600
GILMER	41	4	2	0	13	1	23	8	92
GRANT	38	20	4	0	11	0	20	6	99
GREENBRIER	207	76	8	0	78	4	102	17	492
HAMPSHIRE	46	62	38	0	10	3	23	3	185
HANCOCK	148	104	27	0	29	1	50	10	369
HARDY	21	38	3	2	12	0	23	5	101
HARRISON	482	23	61	0	112	9	175	13	875
JACKSON	153	7	10	0	57	5	38	7	277
JEFFERSON	145	56	34	0	45	2	34	6	322
KANAWHA	1,459	44	34	1	241	25	547	48	2,399
LEWIS	115	4	31	0	28	2	25	2	205
LINCOLN	130	6	17	1	8	2	40	4	208
LOGAN	286	11	88	0	9	1	9	6	410
MCDOWELL	285	55	119	0	22	1	11	2	495
MARION	392	21	26	1	88	6	172	15	721
MARSHALL	249	20	20	0	46	0	32	4	371
MASON	159	55	35	0	20	3	41	2	315
MERCER	506	47	149	1	35	1	22	3	764
MINERAL	88	130	13	0	32	4	42	5	314
MINGO	132	101	22	0	5	2	56	16	334
MONONGALIA	316	20	6	0	88	10	135	17	592
MONROE	51	42	1	0	7	11	38	2	152
MORGAN	67	45	14	0	14	0	8	1	149
NICHOLAS	130	5	34	1	23	1	32	8	234
OHIO	417	37	7	0	108	1	97	5	672
PENDLETON	12	24	1	0	15	1	22	3	78
PLEASANTS	39	8	1	0	8	0	12	0	68
POCAHONTAS	50	21	12	0	11	0	19	4	117
PRESTON	155	30	40	0	34	1	38	7	305
PUTNAM	191	11	6	0	29	3	64	10	314
RALEIGH	591	27	123	0	65	3	45	14	868
RANDOLPH	188	17	52	0	25	1	26	2	311
RITCHIE	66	4	1	0	21	2	28	7	129
ROANE	94	2	7	0	11	0	32	6	152
SUMMERS	94	9	38	0	7	1	7	1	157
TAYLOR	119	1	25	0	12	3	21	2	183
TUCKER	48	6	10	0	16	1	20	8	109
TYLER	70	2	2	0	7	1	34	1	117
UPSHUR	122	8	43	0	40	2	22	3	240
WAYNE	218	15	65	0	18	1	53	7	377
WEBSTER	82	5	17	1	7	0	14	5	131
WETZEL	132	2	17	1	30	1	32	7	222
WIRT	29	2	2	0	8	0	14	0	55
WOOD	510	36	20	0	110	3	142	13	834
WYOMING	177	15	59	0	11	5	14	8	289
TOTAL	11,159	1,473	1,737	10	1,899	161	2,947	394	19,780

WEST VIRGINIA RESIDENT DEATHS 1988
Leading Causes of Death
Exhibit 12



LEADING CAUSES OF DEATH IN WEST VIRGINIA, 1988	NUMBER OF DEATHS	RATE PER 100,000 POPULATION*	AGE-ADJUSTED RATE**	PERCENT OF TOTAL
1. Diseases of the heart	7,447	392.4	323.0	37.6
2. Malignant neoplasms	4,355	229.5	196.0	22.0
3. Cerebrovascular disease	1,295	68.2	54.9	6.5
4. Chronic obstructive pulmonary disease and allied conditions	914	48.2	40.0	4.6
5. Accidents, all forms	895	47.2	45.1	4.5
6. Pneumonia and influenza	692	36.5	29.2	3.5
7. Diabetes mellitus	391	20.6	17.3	2.0
8. Septicemia	248	13.1	10.6	1.3
9. Nephritis, nephrotic syndrome, and nephrosis	246	13.0	10.7	1.2
10. Suicide	218	11.5	10.8	1.1
Total for leading causes	16,701	880.2	737.6	84.4
All other causes	3,079	161.9	138.2	15.6
TOTAL for all causes	19,780	1,042.1	875.9	100.0

*U.S. Department of Commerce, Bureau of the Census. Current Population Reports, Series P-26, 86-A, August 1988. 1987 population estimates were the latest available at time of rate calculations.

**Adjusted by age to the estimated 1985 U.S. population distribution. U.S. Bureau of the Census.

UNITED STATES RESIDENT DEATHS 1988
Leading Causes of Death
Exhibit 13

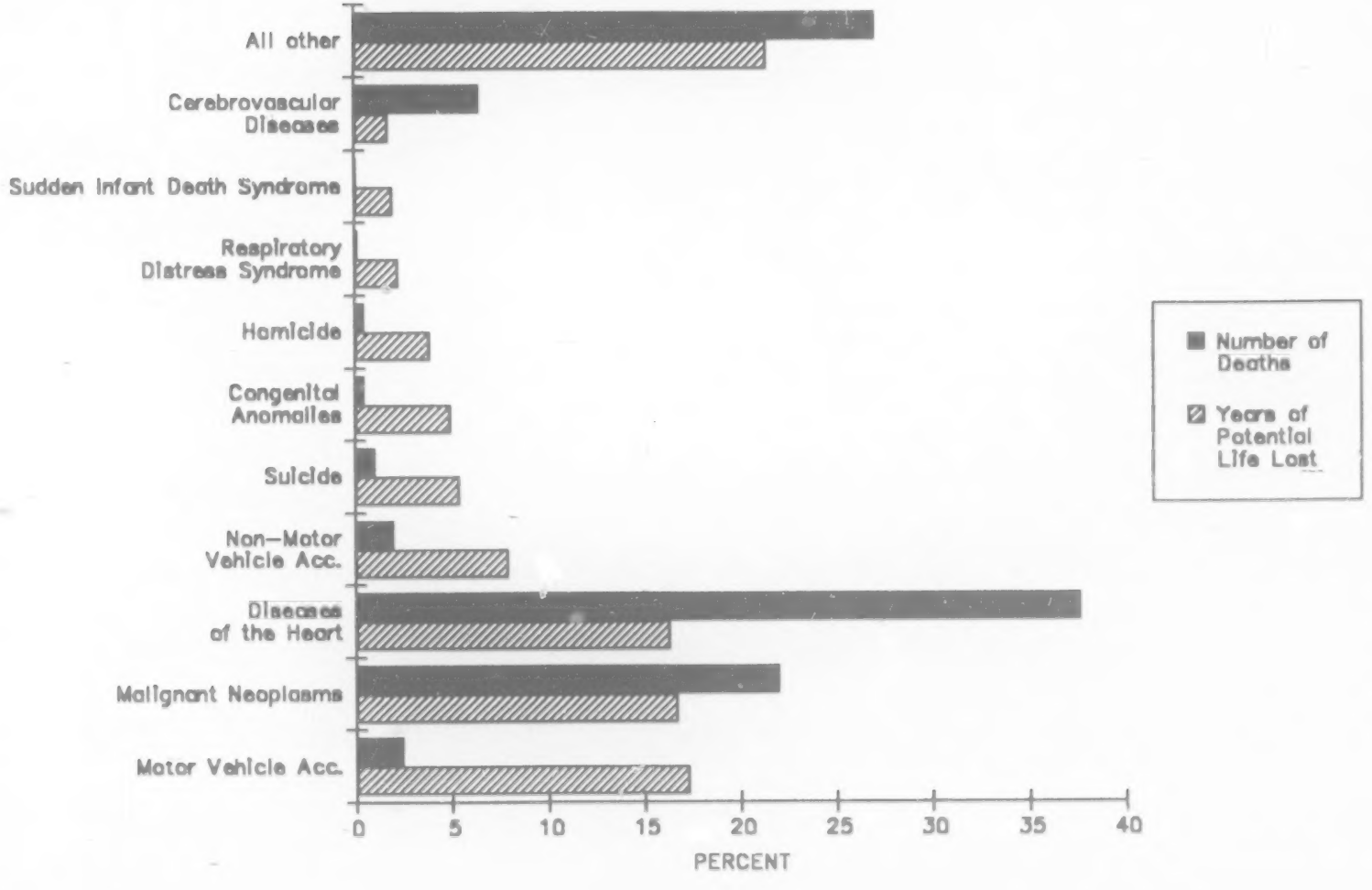
LEADING CAUSES OF DEATH IN THE UNITED STATES, 1988*	NUMBER OF DEATHS	RATE PER 100,000 POPULATION	PERCENT OF TOTAL
1. Diseases of the heart	763,870	311.7	35.3
2. Malignant neoplasms	485,570	198.1	22.4
3. Cerebrovascular disease	149,140	60.9	6.9
4. Accidents, all forms	95,460	39.0	4.4
5. Chronic obstructive pulmonary disease and allied conditions	81,630	33.3	3.8
6. Pneumonia and influenza	77,010	31.4	3.6
7. Diabetes mellitus	39,450	16.1	1.8
8. Suicide	28,820	11.8	1.3
9. Chronic liver disease and cirrhosis	25,980	10.6	1.2
10. Atherosclerosis	23,610	9.6	1.1
TOTAL for leading causes	1,770,540	722.5	81.7
11. All other causes	395,380	161.3	18.3
TOTAL for all causes	2,165,920	883.8	100.0

*Monthly Vital Statistics Report (provisional statistics), National Center for Health Statistics, Vol. 38, No. 1, May 1, 1989. (Based on 10% sample.)

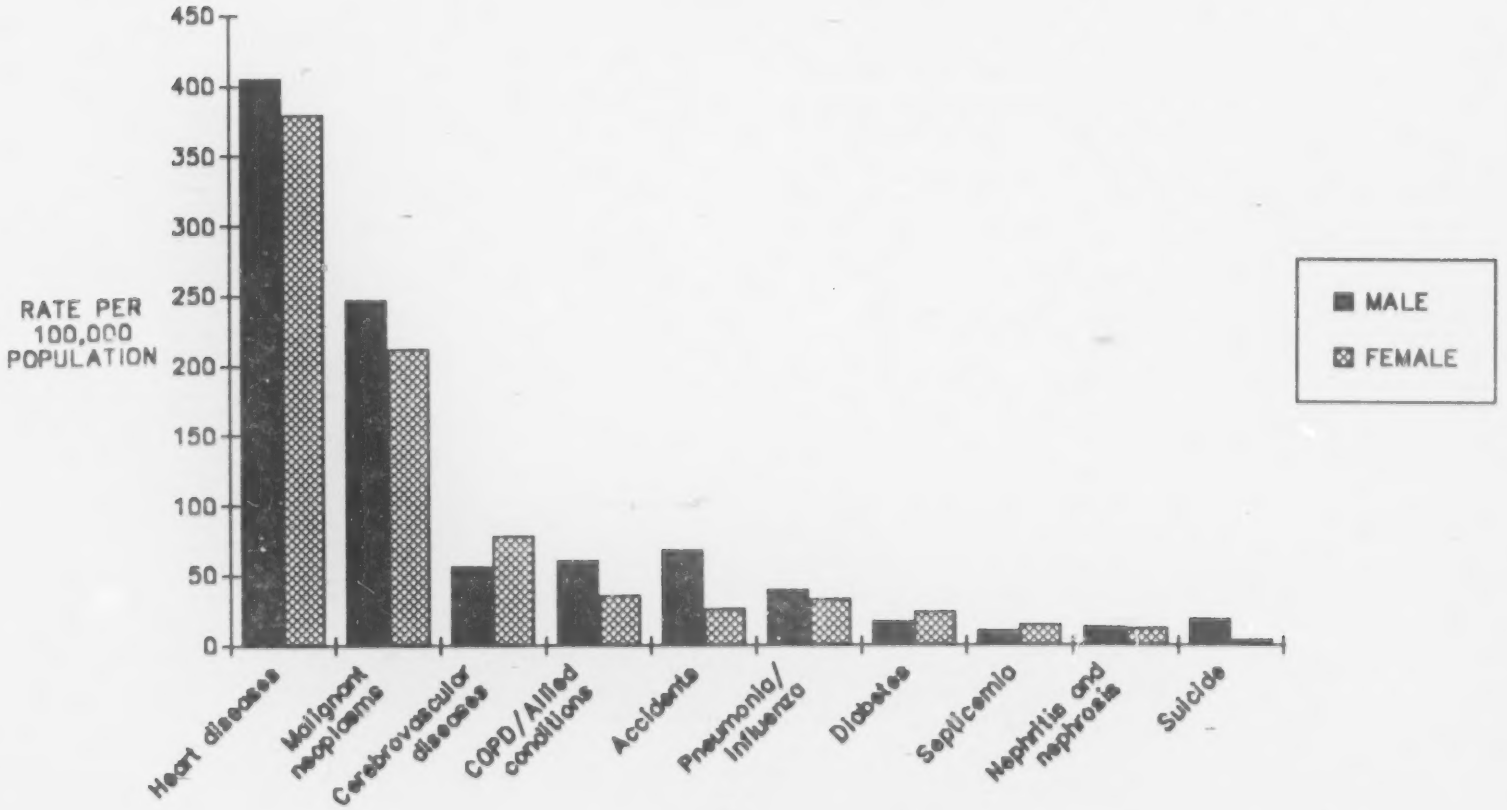
WEST VIRGINIA RESIDENT DEATHS 1988
Leading Causes of Death
Number and Percent Distribution
By Years of Potential Life Lost and Actual Deaths
Table 22

CAUSE OF DEATH	YEARS OF POTENTIAL LIFE LOST BEFORE AGE 65				ACTUAL DEATHS			
	NUMBER		PERCENT		NUMBER		PERCENT	
	1988	1987	1988	1987	1988	1987	1988	1987
ALL CAUSES	88,469	89,907	100.0	100.0	19,780	19,763	100.0	100.0
MOTOR VEHICLE ACCIDENTS	15,303	15,101	17.3	16.8	495	507	2.5	2.6
DISEASES OF THE HEART	14,394	15,027	16.3	16.7	7,447	7,680	37.6	38.9
MALIGNANT NEOPLASMS	14,804	14,272	16.7	15.9	4,355	4,287	22.0	21.7
NONMOTOR VEHICLE ACCIDENTS	7,015	7,709	7.9	8.6	400	437	2.0	2.2
SUICIDE	4,779	4,646	5.4	5.2	218	245	1.1	1.2
CONGENITAL ANOMALIES	4,406	3,898	5.0	4.3	98	77	0.5	0.4
HOMICIDE	3,434	3,114	3.9	3.5	108	107	0.5	0.5
CEREBROVASCULAR DISEASES	1,594	1,975	1.8	2.2	1,295	1,325	6.5	6.7
RESPIRATORY DISTRESS SYNDROME AND BIRTH ASPHYXIA	1,935	1,930	2.2	2.1	30	30	0.2	0.2
INFECTIOUS AND PARASITIC DISEASES	1,307	1,871	1.5	2.1	331	259	1.7	1.3
OTHER RESPIRATORY CONDITIONS OF NEWBORN	710	1,483	0.8	1.6	11	23	0.1	0.1
CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS	1,343	1,412	1.5	1.6	914	902	4.6	4.6
CHRONIC LIVER DISEASE AND CIRRHOSIS	1,318	1,405	1.5	1.6	160	182	0.8	0.9
DISORDERS RELATING TO SHORT GESTATION AND PREMATURE BIRTHS	1,355	1,355	1.5	1.5	21	21	0.1	0.1
SUDDEN INFANT DEATH SYNDROME	1,935	1,290	2.2	1.4	30	20	0.2	0.1
DIABETES MELLITUS	1,117	1,072	1.3	1.2	391	406	2.0	2.1
PNEUMONIA AND INFLUENZA	1,112	1,049	1.3	1.2	692	636	3.5	3.2
ALCOHOL OR DRUG PSYCHOSES, DEPENDENCE OR ABUSE	484	724	0.5	0.8	38	53	0.2	0.3
ALL OTHER CAUSES (RESIDUAL)	10,127	10,579	11.4	11.8	2,746	2,566	13.9	13.0

WEST VIRGINIA RESIDENT DEATHS 1988
Selected Causes of Death
Percent Distribution of Years of Potential Life Lost
And Number of Deaths
Exhibit 14



WEST VIRGINIA RESIDENT DEATHS 1988
Ten Leading Causes of Death
Rate by Sex
Exhibit 15



WEST VIRGINIA RESIDENT DEATHS 1988
Leading Causes by Age Group and Sex
Table 23

LEADING CAUSES OF DEATH	TOTAL ALL AGE GROUPS					
	MALE		FEMALE		TOTAL	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL DEATHS, ALL CAUSES	10,206	100.0	9,574	100.0	19,780	100.0
DISEASES OF THE HEART	3,735	36.6	3,712	38.8	7,447	37.6
MALIGNANT NEOPLASMS	2,280	22.3	2,075	21.7	4,355	22.0
CEREBROVASCULAR DISEASES	524	5.1	771	8.1	1,295	6.5
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	560	5.5	354	3.7	914	4.6
ACCIDENTS, ALL FORMS	634	6.2	261	2.7	895	4.5
PNEUMONIA AND INFLUENZA	370	3.6	322	3.4	692	3.5
DIABETES MELLITUS	158	1.5	233	2.4	391	2.0
SEPTICEMIA	101	1.0	147	1.5	248	1.3
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	124	1.2	122	1.3	246	1.2
SUICIDE	175	1.7	43	0.4	218	1.1
ATHEROSCLEROSIS	83	0.8	130	1.4	213	1.1
ALL OTHER CAUSES (RESIDUAL)	1,462	14.3	1,404	14.7	2,866	14.5

LEADING CAUSES OF DEATH	UNDER ONE YEAR					
	MALE		FEMALE		TOTAL	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL DEATHS, ALL CAUSES	112	100.0	85	100.0	197	100.0
CONGENITAL ANOMALIES	23	20.5	26	30.6	49	24.9
SUDDEN INFANT DEATH SYNDROME	18	16.1	11	12.9	29	14.7
RESPIRATORY DISTRESS SYNDROME	18	16.1	8	9.4	26	13.2
SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	13	11.6	8	9.4	21	10.7
OTHER RESPIRATORY CONDITIONS OF NEWBORN	5	4.5	6	7.1	11	5.6
ILL-DEFINED CONDITIONS ORIGINATING IN PERINATAL PERIOD	5	4.5	3	3.5	8	4.1
ACCIDENTS, ALL FORMS	2	1.8	3	3.5	5	2.5
DISEASES OF THE HEART	1	0.9	3	3.5	4	2.0
COMPLICATIONS OF PLACENTA, CORD, AND MEMBRANES	2	1.8	2	2.4	4	2.0
INTRAUTERINE HYPOXIA AND BIRTH ASPHYXIA	3	2.7	1	1.2	4	2.0
PNEUMONIA AND INFLUENZA	2	1.8	1	1.2	3	1.5
ALL OTHER CAUSES (RESIDUAL)	20	17.9	13	15.3	33	16.8

LEADING CAUSES OF DEATH	ONE TO FOUR YEARS					
	MALE		FEMALE		TOTAL	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL DEATHS, ALL CAUSES	25	100.0	25	100.0	50	100.0
ACCIDENTS, ALL FORMS	9	36.0	11	44.0	20	40.0
CONGENITAL ANOMALIES	4	16.0	4	16.0	8	16.0
HOMICIDE	2	8.0	2	8.0	4	8.0
MALIGNANT NEOPLASMS	1	4.0	2	8.0	3	6.0
ALL OTHER CAUSES (RESIDUAL)	9	36.0	6	24.0	15	30.0

WEST VIRGINIA RESIDENT DEATHS 1988
Leading Causes by Age Group and Sex
Table 23 (cont'd)

LEADING CAUSES OF DEATH	FIVE TO NINE YEARS					
	MALE		FEMALE		TOTAL	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL DEATHS, ALL CAUSES	20	100.0	12	100.0	32	100.0
ACCIDENTS, ALL FORMS	11	55.0	3	25.0	14	43.8
MALIGNANT NEOPLASMS	3	15.0	3	25.0	6	18.8
DISEASES OF THE HEART	2	10.0	2	16.7	4	12.5
ALL OTHER CAUSES (RESIDUAL)	4	20.0	4	33.3	8	25.0

LEADING CAUSES OF DEATH	TEN TO FOURTEEN YEARS					
	MALE		FEMALE		TOTAL	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL DEATHS, ALL CAUSES	34	100.0	15	100.0	49	100.0
ACCIDENTS, ALL FORMS	19	55.9	7	46.7	26	53.1
MALIGNANT NEOPLASMS	2	5.9	4	26.7	6	12.2
CONGENITAL ANOMALIES	3	8.8	0	0.0	3	6.1
ALL OTHER CAUSES (RESIDUAL)	10	29.4	4	26.7	14	28.6

LEADING CAUSES OF DEATH	FIFTEEN TO TWENTY-FOUR YEARS					
	MALE		FEMALE		TOTAL	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL DEATHS, ALL CAUSES	213	100.0	88	100.0	301	100.0
ACCIDENTS, ALL FORMS	139	65.3	49	55.7	188	62.5
SUICIDE	23	10.8	3	3.4	26	8.6
HOMICIDE	17	8.0	7	8.0	24	8.0
MALIGNANT NEOPLASMS	9	4.2	8	9.1	17	5.6
DISEASES OF THE HEART	9	4.2	6	6.8	15	5.0
CONGENITAL ANOMALIES	3	1.4	3	3.4	6	2.0
ALL OTHER CAUSES (RESIDUAL)	13	6.1	12	13.6	25	8.3

LEADING CAUSES OF DEATH	TWENTY-FIVE TO THIRTY-FOUR YEARS					
	MALE		FEMALE		TOTAL	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL DEATHS, ALL CAUSES	271	100.0	98	100.0	369	100.0
ACCIDENTS, ALL FORMS	126	46.5	27	27.6	153	41.5
SUICIDE	39	14.4	10	10.2	49	13.3
HOMICIDE	29	10.7	10	10.2	39	10.6
MALIGNANT NEOPLASMS	9	3.3	22	22.4	31	8.4
DISEASES OF THE HEART	19	7.0	9	9.2	28	7.6
DIABETES MELLITUS	5	1.8	0	0.0	5	1.4
CEREBROVASCULAR DISEASES	2	0.7	3	3.1	5	1.4
PNEUMONIA AND INFLUENZA	3	1.1	2	2.0	5	1.4
CONGENITAL ANOMALIES	2	0.7	2	2.0	4	1.1
CHRONIC LIVER DISEASE AND CIRRHOSIS	3	1.1	0	0.0	3	0.8
ALL OTHER CAUSES (RESIDUAL)	34	12.5	13	13.3	47	12.7

WEST VIRGINIA RESIDENT DEATHS 1988
Leading Causes by Age Group and Sex
Table 23 (cont'd)

LEADING CAUSES OF DEATH	THIRTY-FIVE TO FORTY-FOUR YEARS					
	MALE		FEMALE		TOTAL	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL DEATHS, ALL CAUSES	364	100.0	195	100.0	559	100.0
DISEASES OF THE HEART	103	28.3	34	17.4	137	24.5
MALIGNANT NEOPLASMS	48	13.2	69	35.4	117	20.9
ACCIDENTS, ALL FORMS	94	25.8	22	11.3	116	20.8
SUICIDE	32	8.8	13	6.7	45	8.1
CHRONIC LIVER DISEASE AND CIRRHOSIS	17	4.7	2	1.0	19	3.4
CEREBROVASCULAR DISEASES	6	1.6	7	3.6	13	2.3
HOMICIDE	8	2.2	5	2.6	13	2.3
PNEUMONIA AND INFLUENZA	6	1.6	5	2.6	11	2.0
DIABETES MELLITUS	5	1.4	5	2.6	10	1.8
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	1	0.3	6	3.1	7	1.3
SEPTICEMIA	1	0.3	2	1.0	3	0.5
ALL OTHER CAUSES (RESIDUAL)	43	11.8	25	12.8	68	12.2

LEADING CAUSES OF DEATH	FORTY-FIVE TO FIFTY-FOUR YEARS					
	MALE		FEMALE		TOTAL	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL DEATHS, ALL CAUSES	657	100.0	362	100.0	1,019	100.0
MALIGNANT NEOPLASMS	187	28.5	139	38.4	326	32.0
DISEASES OF THE HEART	236	35.9	90	24.9	326	32.0
ACCIDENTS, ALL FORMS	56	8.5	14	3.9	70	6.9
CEREBROVASCULAR DISEASES	17	2.6	19	5.2	36	3.5
CHRONIC LIVER DISEASE AND CIRRHOSIS	22	3.3	10	2.8	32	3.1
SUICIDE	22	3.3	7	1.9	29	2.8
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	15	2.3	12	3.3	27	2.6
DIABETES MELLITUS	15	2.3	10	2.8	25	2.5
PNEUMONIA AND INFLUENZA	9	1.4	4	1.1	13	1.3
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	7	1.1	5	1.4	12	1.2
HOMICIDE	7	1.1	1	0.3	8	0.8
ALL OTHER CAUSES (RESIDUAL)	64	9.7	51	14.1	115	11.3

LEADING CAUSES OF DEATH	FIFTY-FIVE TO SIXTY-FOUR YEARS					
	MALE		FEMALE		TOTAL	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL DEATHS, ALL CAUSES	1,543	100.0	1,038	100.0	2,581	100.0
MALIGNANT NEOPLASMS	488	31.6	421	40.6	909	35.2
DISEASES OF THE HEART	590	38.2	296	28.5	886	34.3
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	74	4.8	52	5.0	126	4.9
CEREBROVASCULAR DISEASES	46	3.0	41	3.9	87	3.4
ACCIDENTS, ALL FORMS	52	3.4	22	2.1	74	2.9
DIABETES MELLITUS	30	1.9	38	3.7	68	2.6
CHRONIC LIVER DISEASE AND CIRRHOSIS	33	2.1	14	1.3	47	1.8
PNEUMONIA AND INFLUENZA	19	1.2	14	1.3	33	1.3
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	15	1.0	13	1.3	28	1.1
SEPTICEMIA	13	0.8	13	1.3	26	1.0
SUICIDE	16	1.0	7	0.7	23	0.9
ALL OTHER CAUSES (RESIDUAL)	167	10.8	107	10.3	274	10.6

WEST VIRGINIA RESIDENT DEATHS 1988
Leading Causes by Age Group and Sex
Table 23 (cont'd)

LEADING CAUSES OF DEATH	SIXTY-FIVE TO SEVENTY-FOUR YEARS					
	MALE		FEMALE		TOTAL	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL DEATHS, ALL CAUSES	2,817	100.0	2,079	100.0	4,896	100.0
DISEASES OF THE HEART	1,136	40.3	745	35.8	1,881	38.4
MALIGNANT NEOPLASMS	764	27.1	624	30.0	1,388	28.3
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	211	7.5	132	6.3	343	7.0
CEREBROVASCULAR DISEASES	130	4.6	118	5.7	248	5.1
PNEUMONIA AND INFLUENZA	87	3.1	40	1.9	127	2.6
DIABETES MELLITUS	53	1.9	57	2.7	110	2.2
ACCIDENTS, ALL FORMS	53	1.9	24	1.2	77	1.6
SEPTICEMIA	28	1.0	32	1.5	60	1.2
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	32	1.1	27	1.3	59	1.2
CHRONIC LIVER DISEASE AND CIRRHOSIS	20	0.7	16	0.8	36	0.7
HYPERTENSION	14	0.5	20	1.0	34	0.7
ALL OTHER CAUSES (RESIDUAL)	289	10.3	244	11.7	533	10.9

LEADING CAUSES OF DEATH	SEVENTY-FIVE TO EIGHTY-FOUR YEARS					
	MALE		FEMALE		TOTAL	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL DEATHS, ALL CAUSES	2,829	100.0	3,038	100.0	5,867	100.0
DISEASES OF THE HEART	1,102	39.0	1,332	43.8	2,434	41.5
MALIGNANT NEOPLASMS	580	20.5	546	18.0	1,126	19.2
CEREBROVASCULAR DISEASES	221	7.8	271	8.9	492	8.4
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	207	7.3	115	3.8	322	5.5
PNEUMONIA AND INFLUENZA	146	5.2	115	3.8	261	4.4
DIABETES MELLITUS	31	1.1	82	2.7	113	1.9
SEPTICEMIA	37	1.3	49	1.6	86	1.5
ACCIDENTS, ALL FORMS	38	1.3	45	1.5	83	1.4
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	38	1.3	39	1.3	77	1.3
ATHEROSCLEROSIS	30	1.1	43	1.4	73	1.2
HYPERTENSION	9	0.3	11	0.4	20	0.3
ALL OTHER CAUSES (RESIDUAL)	390	13.8	390	12.8	780	13.3

LEADING CAUSES OF DEATH	EIGHTY-FIVE AND OVER					
	MALE		FEMALE		TOTAL	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL DEATHS, ALL CAUSES	1,320	100.0	2,537	100.0	3,857	100.0
DISEASES OF THE HEART	534	40.5	1,194	47.1	1,728	44.8
MALIGNANT NEOPLASMS	189	14.3	237	9.3	426	11.0
CEREBROVASCULAR DISEASES	101	7.7	310	12.2	411	10.7
PNEUMONIA AND INFLUENZA	96	7.3	141	5.6	237	6.1
ATHEROSCLEROSIS	28	2.1	63	2.5	91	2.4
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	50	3.8	34	1.3	84	2.2
ACCIDENTS, ALL FORMS	35	2.7	34	1.3	69	1.8
SEPTICEMIA	17	1.3	49	1.9	66	1.7
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	27	2.0	38	1.5	65	1.7
DIABETES MELLITUS	19	1.4	41	1.6	60	1.6
HYPERTENSION	4	0.3	15	0.6	19	0.5
ALL OTHER CAUSES (RESIDUAL)	220	16.7	381	15.0	601	15.6

WEST VIRGINIA RESIDENT DEATHS 1988
Diseases of the Heart
Number and Rate by Sex
Table 24

ICDA 9 CODE NUMBER	HEART DISEASE DEATHS	NUMBER AND RATE* BY SEX					
		MALE		FEMALE		TOTAL	
		NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
390-398, 402, 404-429	TOTAL	3,735	405.5	3,712	379.9	7,447	392.4
390-398	RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE	15	1.6	29	3.0	44	2.3
402	HYPERTENSIVE HEART DISEASE	74	8.0	89	9.1	163	8.6
404	HYPERTENSIVE HEART DISEASE AND RENAL DISEASE	8	0.9	8	0.8	16	0.8
410-414	ISCHEMIC HEART DISEASE	2,331	253.1	2,229	228.1	4,560	240.3
415-417	DISEASES OF THE PULMONARY CIRCULATION	57	6.2	62	6.3	119	6.3
420-429	OTHER FORMS OF HEART DISEASE	1,250	135.7	1,295	132.5	2,545	134.1

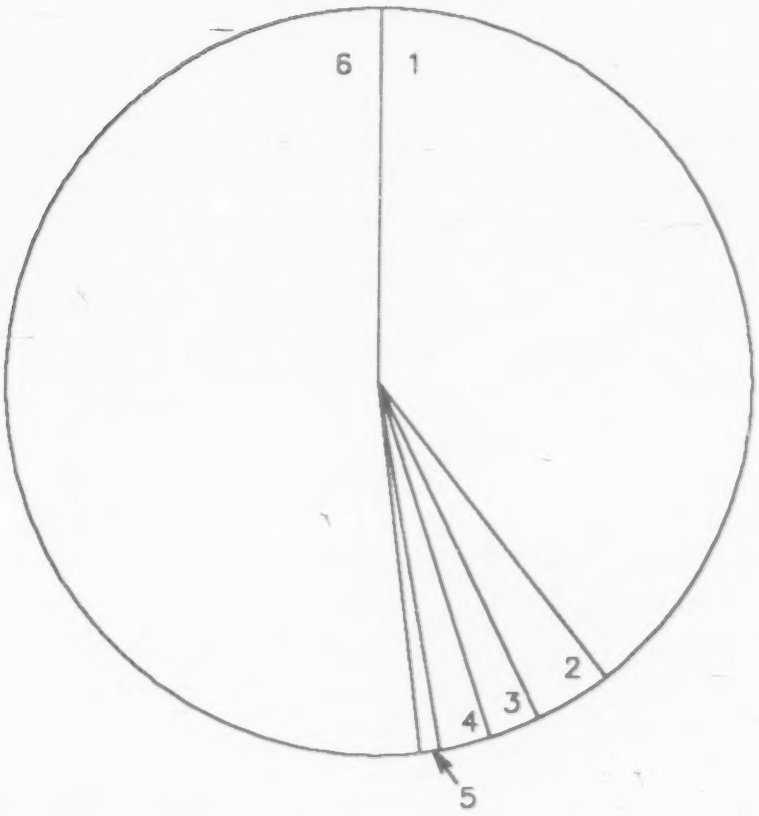
* THESE RATES ARE BASED ON A MALE POPULATION OF 921,000 AND A FEMALE POPULATION OF 977,000.
PROVISIONAL 1987 POPULATION ESTIMATES BY THE OFFICE OF APPLIED RESEARCH, EVALUATION AND PLANNING, WVU.

WEST VIRGINIA RESIDENT DEATHS 1988
Malignant Neoplasms (Cancer)
Number and Rate by Sex
Table 25

ICDA 9 CODE NUMBER	MALIGNANT NEOPLASM DEATHS	NUMBER AND RATE* BY SEX					
		MALE		FEMALE		TOTAL	
		NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
140-208	TOTAL	2,280	247.6	2,075	212.4	4,355	229.5
140-149	-- OF LIP, ORAL CAVITY, AND PHARYNX	40	4.3	23	2.4	63	3.3
150-159	-- OF DIGESTIVE ORGANS AND PERITONEUM	457	49.6	505	51.7	962	50.7
160-165	-- OF RESPIRATORY AND INTRATHORACIC ORGANS	950	103.1	478	48.9	1,428	75.2
170-175	-- OF BONE, CONNECTIVE TISSUE, SKIN, AND BREAST	70	7.6	395	40.4	465	24.5
179-187	-- OF GENITAL ORGANS	240	26.1	184	18.8	424	22.3
188-189	-- OF URINARY ORGANS	98	10.6	50	5.1	148	7.8
190-199	-- OF OTHER AND UNSPECIFIED SITES	239	26.0	248	25.4	487	25.7
200-203	-- OF LYMPHATIC AND HEMATOPOIETIC TISSUES	105	11.4	116	11.9	221	11.6
204-208	LEUKEMIA	81	8.8	76	7.8	157	8.3

* THESE RATES ARE BASED ON A MALE POPULATION OF 921,000 AND A FEMALE POPULATION OF 977,000.
PROVISIONAL 1987 POPULATION ESTIMATES BY THE OFFICE OF APPLIED RESEARCH, EVALUATION AND PLANNING, WVU.

WEST VIRGINIA RESIDENT DEATHS 1988
Nontransport Accidental Deaths
Place of Occurrence
Exhibit 15



PLACE OF OCCURRENCE	NUMBER
1. Home	152
2. Mine and Quarry	13
3. Places for Recreation and Sports	9
4. Industrial Places and Premises	8
5. Farm	4
6. Other and Unspecified	199
TOTAL	385

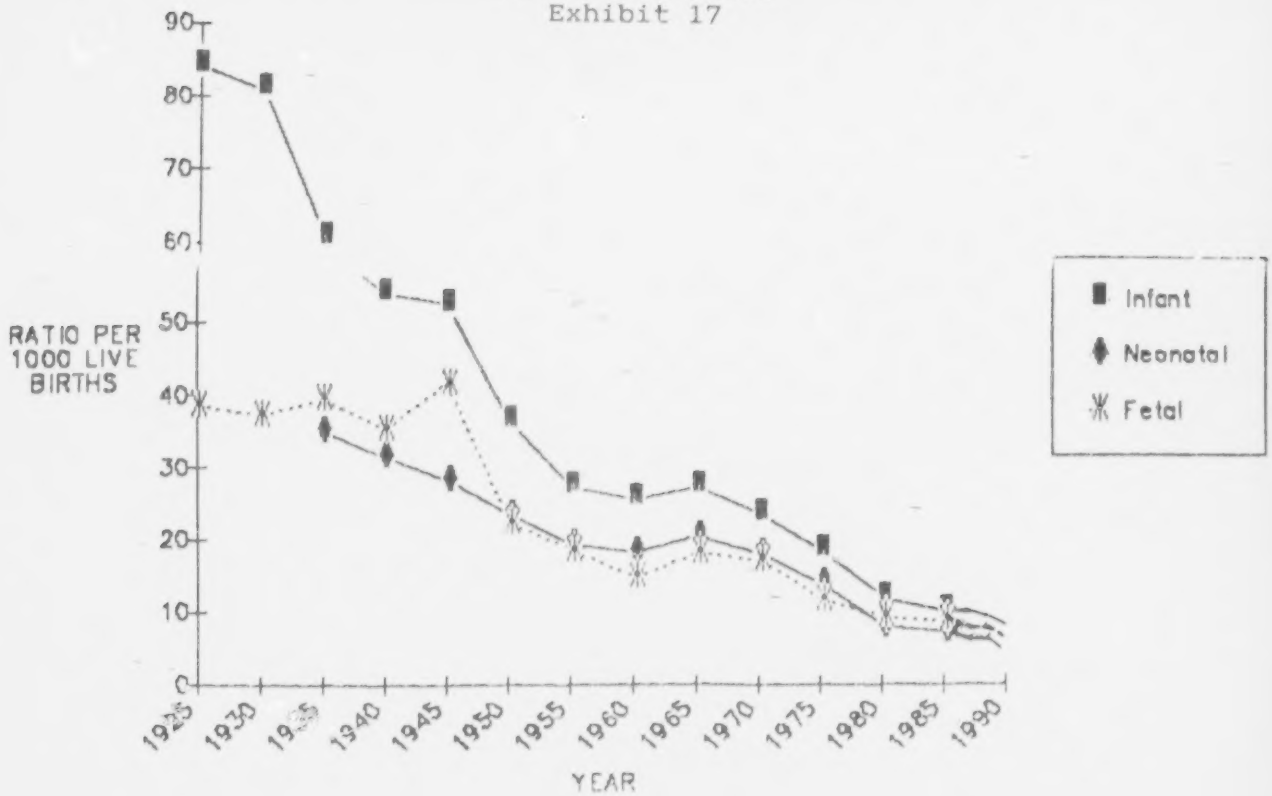
WEST VIRGINIA RESIDENT DEATHS 1988
Nontransport Accidental Deaths
Table 26

ICDA 9 NUMBER CODE	NONTRANSPORT ACCIDENTAL DEATHS	NUMBER OF DEATHS
E850-869	POISONING	35
E870-879	SURGICAL MISADVENTURES AND/OR COMPLICATIONS	30
E880-888	FALLS	107
E890-899	FIRES AND FLAMES	46
E901	EXCESSIVE COLD	9
E904	HUNGER, THIRST, EXPOSURE, NEGLECT	1
E905	VENOMOUS ANIMALS AND PLANTS	2
E910	DROWNING AND SUBMERSION	31
E911	INHALATION AND INGESTION OF FOOD CAUSING SUFFOCATION	10
E912	INHALATION AND INGESTION OF OTHER OBJECT CAUSING SUFFOCATION	14
E913	MECHANICAL SUFFOCATION	8
E915	FOREIGN BODY ENTERING OTHER ORIFICE	2
E916	STRUCK BY FALLING OBJECT	18
E918	CAUGHT IN OR BETWEEN OBJECTS	1
E919	CAUSED BY MACHINERY	20
E920	CAUSED BY CUTTING AND PIERCING INSTRUMENTS OR OBJECTS	3
E922	CAUSED BY FIREARM MISSILE	14
E923	CAUSED BY EXPLOSIVE MATERIAL	3
E924	CAUSED BY HOT, CAUSTIC, OR CORROSIVE MATERIAL	1
E925	CAUSED BY ELECTRIC CURRENT	12
E928	OTHER AND UNSPECIFIED CAUSES	14
E929	LATE EFFECTS OF INJURY	4
E850-929	TOTAL	385

WEST VIRGINIA RESIDENT DEATHS 1988
Home Accidental Deaths
Table 27

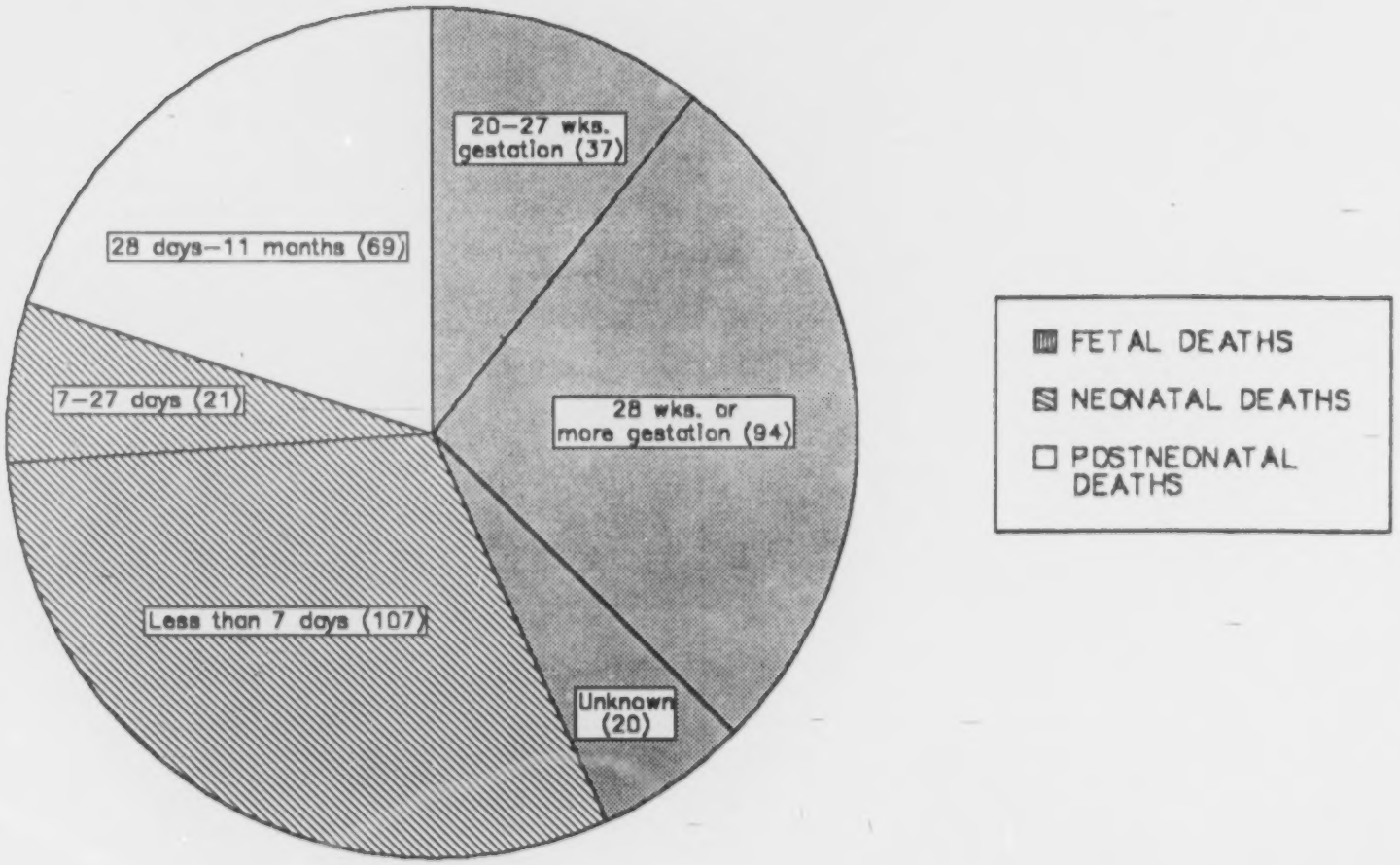
ICDA 9 NUMBER CODE	HOME ACCIDENTAL DEATHS	NUMBER OF DEATHS
E850-869	POISONING	19
E870-879	SURGICAL MISADVENTURES AND/OR COMPLICATIONS	1
E880-888	FALLS	55
E890-899	FIRES AND FLAMES	39
E901	EXCESSIVE COLD	5
E905	VENOMOUS ANIMALS AND PLANTS	1
E910	DROWNING AND SUBMERSION	3
E911	INHALATION AND INGESTION OF FOOD CAUSING SUFFOCATION	2
E913	MECHANICAL SUFFOCATION	5
E916	STRUCK BY FALLING OBJECT	4
E919	CAUSED BY MACHINERY	5
E922	CAUSED BY FIREARM MISSILE	8
E923	CAUSED BY EXPLOSIVE MATERIAL	1
E924	CAUSED BY HOT, CAUSTIC, OR CORROSIVE MATERIAL	1
E925	CAUSED BY ELECTRIC CURRENT	3
E800-949	TOTAL	152

WEST VIRGINIA RESIDENT DEATHS 1925-1988
Fetal, Neonatal, Infant Deaths
Number and Ratio
Exhibit 17



YEAR OF DEATH	FETAL DEATHS		NEONATAL DEATHS		INFANT DEATHS	
	Number	Ratio per 1000 Live Births	Number	Ratio per 1000 Live Births	Number	Ratio per 1000 Live Births
1925	1,740	38.5	NA	NA	3,809	84.2
1930	1,547	37.2	NA	NA	3,370	81.0
1935	1,647	39.4	1,467	35.1	2,538	60.8
1940	1,483	35.4	1,321	31.5	2,258	53.9
1945	1,594	41.5	1,085	28.2	2,013	52.4
1950	1,126	22.1	1,184	23.3	1,849	36.4
1955	813	18.4	847	19.2	1,198	27.1
1960	583	14.7	713	18.0	1,005	25.3
1965	575	18.0	649	10.3	867	27.1
1970	513	17.0	542	17.9	705	23.3
1975	323	11.6	385	13.8	513	18.3
1978	319	11.0	296	10.2	437	15.1
1979	332	11.2	269	9.0	408	13.7
1980	275	9.3	235	8.0	347	11.8
1981	293	10.5	246	8.8	363	13.1
1982	272	10.0	197	7.2	312	11.4
1983	264	10.2	181	7.0	281	10.9
1984	221	9.0	174	7.1	269	11.0
1985	208	8.6	175	7.3	257	10.0
1986	174	7.5	153	6.6	237	10.2
1987	172	7.7	151	6.7	219	9.8
1988	151	6.9	128	5.9	197	9.0

WEST VIRGINIA RESIDENT PERINATAL DEATHS 1988
Fetal Deaths, Neonatal Deaths, and Postneonatal Deaths
Exhibit 18



WEST VIRGINIA RESIDENT INFANT DEATHS 1988
Causes of Death by Age
Table 28

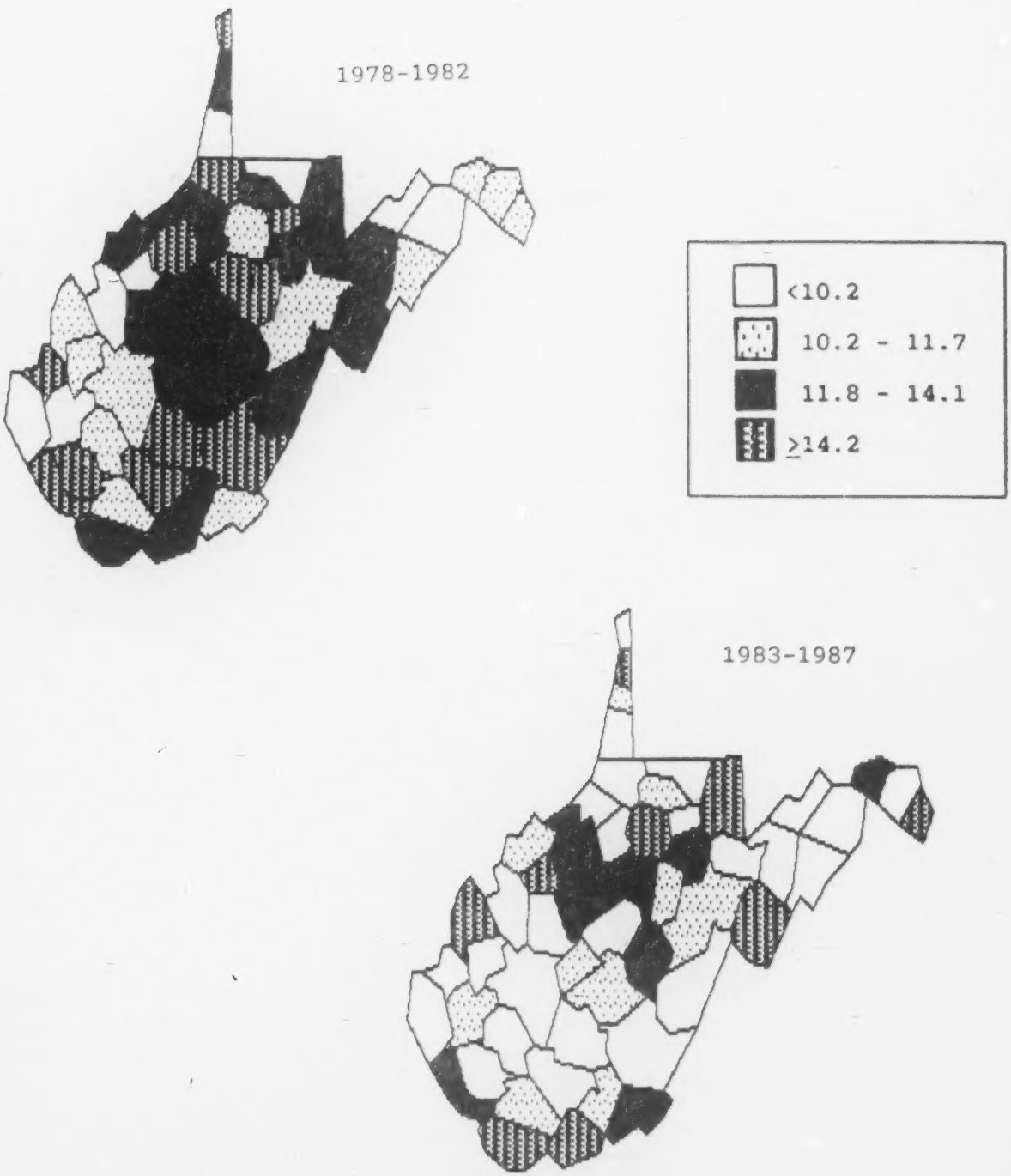
ICDA 9 CODE NUMBER	CAUSE OF DEATH	UNDER 1 DAY	1 TO 6 DAYS	7 TO 27 DAYS	28 DAYS TO 11 MONTHS	TOTAL
001-999	TOTAL DEATHS, ALL CAUSES	81	26	21	69	197
008-009	CERTAIN INTESTINAL INFECTIONS	0	1	0	0	1
038	SEPTICEMIA	0	0	0	2	2
045-079	VIRAL DISEASES	0	0	0	1	1
280-289	DISEASES OF BLOOD AND BLOOD FORMING ORGANS	0	0	1	0	1
320-322	MENINGITIS	0	0	0	1	1
323-389	OTHER DISEASES OF NERVOUS SYSTEM AND SENSE ORGANS	1	0	0	1	2
390-398, 402,404-429	DISEASE OF THE HEART	0	0	0	4	4
466,490-491	BRONCHITIS AND BRONCHIOLITIS	0	0	0	2	2
480-487	PNEUMONIA AND INFLUENZA	0	0	0	3	3
480-486	PNEUMONIA	0	0	0	3	3
553,555-558	GASTRITIS, DUODENITIS, AND NONINFECTIVE ENTERITIS COLITIS	0	0	0	1	1
740-759	CONGENITAL ANOMALIES	20	11	5	13	49
740	ANENCEPHALUS AND SIMILAR ANOMALIES	4	0	0	0	4
742	OTHER CONGENITAL ANOMALIES OF NERVOUS SYSTEM	0	0	1	0	1
745-746	CONGENITAL ANOMALIES OF HEART	3	5	4	8	20
747	OTHER CONGENITAL ANOMALIES OF CIRCULATORY SYSTEM	0	0	0	2	2
748	CONGENITAL ANOMALIES OF RESPIRATORY SYSTEM	2	1	0	0	3
749-751	CONGENITAL ANOMALIES OF DIGESTIVE SYSTEM	0	0	0	1	1
752-753	CONGENITAL ANOMALIES OF GENITOURINARY SYSTEM	3	0	0	0	3
754-756	CONGENITAL ANOMALIES OF MUSCULOSKELETAL SYSTEM	2	2	0	1	5
758	CHROMOSOMAL ANOMALIES	4	2	0	1	7
744,757,759	OTHER AND UNSPECIFIED CONGENITAL ANOMALIES	2	1	0	0	3
760-779	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	60	13	9	4	86
760	NEWBORN AFFECTED BY MATERNAL CONDITIONS WHICH MAY BE UNRELATED TO PRESENT PREGNANCY	0	0	1	0	1
761	NEWBORN AFFECTED BY MATERNAL COMPLICATIONS OF PREGNANCY	2	0	0	0	2
762	NEWBORN AFFECTED BY COMPLICATIONS OF PLACENTA, CORD, AND MEMBRANES	4	0	0	0	4
763	NEWBORN AFFECTED BY OTHER COMPLICATIONS OF LABOR AND DELIVERY	1	0	0	0	1
765	DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	19	2	0	0	21
767	BIRTH TRAUMA	1	1	0	0	2
768	INTRAUTERINE HYPOXIA AND BIRTH ASPHYXIA	2	2	0	0	4
768.2-768.4	FETAL DISTRESS IN LIVEBORN INFANT	1	0	0	0	1
768.5-768.9	BIRTH ASPHYXIA.	1	2	0	0	3
769	RESPIRATORY DISTRESS SYNDROME	16	7	3	0	26
770	OTHER RESPIRATORY CONDITIONS OF NEWBORN	7	1	0	3	11
771	INFECTIONS SPECIFIC TO THE PERINATAL PERIOD	2	0	1	0	3
772	NEONATAL HEMORRHAGE	0	0	2	1	3
776.1-779	ALL OTHER AND ILL-DEFINED CONDITIONS ORIGINATING IN PERINATAL PERIOD	6	0	2	0	8
780-799	SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	0	0	4	26	30
798.0	SUDDEN INFANT DEATH SYNDROME	0	0	4	25	29
E800-999	EXTERNAL CAUSES OF INJURY AND POISONING	0	0	1	6	7
E800-949	ACCIDENTS, ALL FORMS	0	0	1	4	5
E810-825	MOTOR VEHICLE ACCIDENTS	0	0	0	2	2
E910-915	ACCIDENTS CAUSED BY SUBMERSION, SUFFOCATION AND FOREIGN BODIES	0	0	0	2	2
E913	ACCIDENTAL MECHANICAL SUFFOCATION	0	0	0	2	2
E960-969	HOMICIDE	0	0	0	2	2
E967	CHILD BATTERING AND OTHER MALTREATMENT	0	0	0	1	1
RESIDUAL	ALL OTHER CAUSES (RESIDUAL)	0	1	1	5	7

WEST VIRGINIA RESIDENT INFANT DEATHS 1988
Infant Death Rates and Selected Risk Factors
Associated with Infant Deaths
Table 29

	WHITE	BLACK	TOTAL
Infant Mortality Rate*	8.5	21.6	9.0
Neonatal Rate**	5.6	11.9	5.9
Postneonatal Rate***	2.9	9.7	3.2
Low Birthweight (<2500 g):			
% of Total Births	6.6%	10.9%	6.4%
% of Births to Mothers <20 Years	7.4%	11.4%	7.6%
Births to Teenage Mothers:			
% to Mothers <20 Years	16.7%	22.6%	16.9%
% to Mothers <15 Years	0.3%	1.0%	0.3%
Births with Known Prenatal Care:			
% 1st Trimester Prenatal Care	72.0%	54.0%	71.3%
% 3rd Trimester or no Prenatal Care	5.5%	13.4%	5.9%

*Deaths per 1,000 live births
**Deaths before 28 days of life per 1,000 live births
***Deaths age 28 days-11 months per 1,000 live births

WEST VIRGINIA RESIDENT INFANT DEATHS 1978-1982 AND 1983-1987
Rate by County of Residence
Exhibit 19



WEST VIRGINIA RESIDENT FETAL DEATHS 1984-1988
Causes of Death
Table 30

ICDA 9 CODE	CAUSE OF DEATH	1984	1985	1986	1987	1988
740-779,799.9	TOTAL FETAL DEATHS, ALL CAUSES	221	208	174	172	151
740-759	CONGENITAL ANOMALIES	24	17	19	11	17
740	Anencephalus	10	4	4	3	7
741	Spina bifida	0	1	1	0	0
742	Other anomalies of nervous system	1	4	1	2	1
758	Chromosomal anomalies	3	3	1	0	1
758.0	Down's syndrome	1	1	0	0	1
759	Other and unspecified anomalies	10	4	5	3	5
759.7	Multiple congenital anomalies	3	1	4	0	4
760-779	CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	197	190	155	161	134
760	Maternal conditions	6	13	7	5	9
760.5	Maternal injury	2	3	1	1	1
761	Maternal complications of pregnancy	20	11	11	13	6
761.1	Premature rupture of membranes	7	6	4	7	4
761.5	Multiple pregnancy	4	0	2	1	0
761.8	Other specified conditions	0	0	0	0	1
762	Complications of placenta, cord & membranes	79	83	66	76	57
762.1	Premature rupture of membranes	25	35	22	24	16
762.2	Unspecified abnormalities of placenta	14	11	10	12	10
762.4	Prolapsed cord	4	2	2	2	2
762.5	Other compression of umbilical cord	18	23	21	26	25
762.6	Unspecified conditions of umbilical cord	13	6	8	6	1
762.7	Choriamnionitis	0	0	0	0	1
763	Other complications of labor and delivery	8	1	3	4	1
764	Slow fetal growth and fetal malnutrition	1	1	2	2	0
765	Short gestation and unspecified low birthweight	5	8	6	5	5
765.0	Extreme prematurity	1	3	2	3	2
765.1	Other preterm infants	4	5	4	2	2
767	Birth trauma	1	0	0	0	0
768	Intrauterine hypoxia and birth asphyxia	1	3	3	1	3
770	Other respiratory conditions	5	1	1	0	0
771	Infections specific to perinatal period	0	3	1	0	2
772	Fetal hemorrhage	1	1	0	1	0
775	Endocrine and metabolic disturbances	6	0	4	4	3
775.0	Syndrome of "infant of a diabetic mother"	5	0	4	3	2
775.1	Neonatal diabetes mellitus	1	0	0	0	1
778	Integument and temperature regulation	3	0	4	0	0
779	Other and ill-defined conditions	60	65	46	50	48
779.6	Termination of pregnancy	15	17	1	5	2
779.9	Other and unspecified causes	43	48	44	37	40
799.9	RESIDUAL - ALL OTHER CAUSES	1	1	0	0	0

WEST VIRGINIA FETAL DEATHS 1988
Number by County of Residence and Occurrence
Ratio by County of Residence
Table 31

COUNTY	RESIDENCE	RATIO*	OCCURRENCE	COUNTY	RESIDENCE	RATIO*	OCCURRENCE
BARBOUR	2	10.6	0	MONONGALIA	5	5.8	16
BERKELEY	1	1.2	3	MONROE	0	0.0	0
BOONE	2	6.3	0	MORGAN	1	6.9	0
BRAXTON	1	5.5	0	NICHOLAS	1	3.1	3
BROOKE	2	8.2	4	OHIO	2	3.0	12
CABELL	6	5.3	12	PENDLETON	2	17.5	0
CALHOUN	1	9.7	0	PLEASANTS	0	0.0	0
CLAY	0	0.0	0	POCAHONTAS	3	28.6	0
DODDRIDGE	1	19.6	0	PRESTON	1	2.6	0
FAYETTE	3	5.6	0	PUTNAM	2	3.9	0
GILMER	0	0.0	0	RALEIGH	8	9.4	12
GRANT	1	8.3	2	RANDOLPH	4	11.7	9
GREENBRIER	3	7.5	3	RITCHIE	1	9.1	1
HAMPSHIRE	0	0.0	0	ROANE	2	10.6	1
HANCOCK	2	6.1	0	SUMMERS	0	0.0	0
HARDY	0	0.0	0	TAYLOR	2	9.8	0
HARRISON	8	9.7	7	TUCKER	1	13.9	0
JACKSON	0	0.0	0	TYLER	1	9.8	0
JEFFERSON	6	11.3	6	UPSHUR	3	10.8	3
KANAWHA	20	7.8	30	WAYNE	0	0.0	0
LEWIS	2	9.7	2	WEBSTER	2	15.9	0
LINCOLN	1	3.6	0	WETZEL	3	11.7	3
LOGAN	6	11.3	11	WIRT	0	0.0	0
MCDOWELL	10	19.1	5	WOOD	2	1.8	7
MARION	3	4.6	7	WYOMING	4	11.8	0
MARSHALL	3	6.4	0				
MASON	3	9.6	4				
MERCER	5	6.6	21	TOTAL	151	6.9	185
MINERAL	1	3.1	0				
MINGO	8	17.1	1				

*FETAL DEATH RATIO = (FETAL DEATHS/LIVE BIRTHS) X 1,000 IN EACH RESPECTIVE COUNTY.

WEST VIRGINIA RESIDENT FETAL DEATHS 1984-1988
Number and Ratio by County of Residence
Table 32

COUNTY OF RESIDENCE	1984		1985		1986		1987		1988	
	NO.	RATIO*	NO.	RATIO*	NO.	RATIO*	NO.	RATIO*	NO.	RATIO*
BARBOUR	4	17.4	1	5.2	4	18.6	4	24.0	2	10.6
BERKELEY	3	4.1	5	6.6	4	5.1	4	4.9	1	1.2
BOONE	3	7.9	5	14.6	3	8.0	3	9.7	2	6.3
BRAXTON	1	6.1	1	4.7	4	22.2	1	5.1	1	5.5
BROOKE	2	6.8	4	13.6	1	4.0	1	3.7	2	8.2
CABELL	9	7.1	14	12.6	7	54.3	7	6.2	6	5.3
CALHOUN	0	0.0	1	8.0	2	15.5	0	0.0	1	9.7
CLAY	0	0.0	2	11.5	4	21.2	2	13.1	0	0.0
DODDRIDGE	0	0.0	1	12.3	0	0.0	0	0.0	1	19.6
FAYETTE	2	2.8	6	8.7	6	9.9	5	8.5	3	5.6
GILMER	1	8.3	2	19.0	2	20.6	0	0.0	0	0.0
GRANT	3	23.3	0	0.0	0	0.0	1	8.3	1	8.3
GREENBRIER	3	7.2	3	7.5	4	9.5	5	12.7	3	7.5
HAMPSHIRE	1	5.3	3	14.7	0	0.0	2	9.3	0	0.0
HANCOCK	6	14.1	5	12.0	1	2.7	2	5.3	2	6.1
HARDY	2	17.7	0	0.0	0	0.0	2	18.0	0	0.0
HARRISON	5	5.0	4	4.0	7	7.1	8	8.8	8	9.7
JACKSON	0	0.0	4	12.6	1	2.9	5	15.9	0	0.0
JEFFERSON	6	13.0	5	10.3	3	5.9	6	11.3	6	11.3
KANAWHA	32	11.5	31	11.1	23	8.5	15	5.5	20	7.8
LEWIS	4	17.8	4	16.6	3	12.9	1	4.8	2	9.7
LINCOLN	0	0.0	5	16.9	2	6.9	3	10.1	1	3.6
LOGAN	5	7.9	3	4.8	4	6.9	3	5.8	6	11.3
MCDOWELL	8	12.0	9	14.0	2	3.2	5	8.7	10	19.1
MARION	9	11.3	8	11.1	5	7.7	3	4.3	3	4.6
MARSHALL	4	7.8	3	6.3	4	8.5	1	2.4	3	-6.4
MASON	2	5.6	2	5.8	1	3.5	0	0.0	3	9.6
MERCER	10	10.7	4	4.6	10	12.6	7	9.0	5	6.6
MINERAL	4	11.1	2	5.6	4	13.2	5	14.8	1	3.1
MINGO	7	11.0	3	5.2	10	18.3	2	4.1	8	17.1
MONONGALIA	11	12.2	9	9.6	4	4.5	6	6.6	5	5.8
MONROE	2	12.9	0	0.0	2	12.9	2	12.8	0	0.0
MORGAN	0	0.0	0	0.0	2	18.0	1	8.2	1	6.9
NICHOLAS	2	5.3	4	10.8	3	7.9	3	8.3	1	3.1
OHIO	10	14.3	5	7.2	3	4.5	10	15.2	2	3.0
PENDLETON	0	0.0	0	0.0	3	27.5	0	0.0	2	17.5
PLEASANTS	0	0.0	3	33.7	1	12.8	0	0.0	0	0.0
POCAHONTAS	3	24.0	2	16.4	1	10.0	1	8.5	3	28.6
PRESTON	3	6.5	2	4.7	2	5.1	2	5.6	1	2.6
PUTNAM	5	10.1	2	3.4	4	6.9	1	1.8	2	3.9
RALEIGH	11	11.1	10	9.4	4	4.4	11	12.7	8	9.4
RANDOLPH	4	9.4	3	7.5	2	5.7	9	23.9	4	11.7
RITCHIE	0	0.0	2	14.2	0	0.0	0	0.0	1	9.1
ROANE	0	0.0	1	5.1	2	10.5	0	0.0	2	10.6
SUMMERS	3	17.5	0	0.0	3	20.1	2	14.0	0	0.0
TAYLOR	0	0.0	1	4.4	2	10.4	1	5.4	2	9.8
TUCKER	1	9.6	1	9.7	0	0.0	0	0.0	1	13.9
TYLER	0	0.0	0	0.0	1	6.8	1	9.1	1	9.8
UPSHUR	4	12.3	3	8.6	1	2.9	0	0.0	3	10.8
WAYNE	1	1.9	2	3.8	3	5.7	2	4.0	0	0.0
WEBSTER	3	19.7	0	0.0	2	14.1	2	13.0	2	15.9
WETZEL	3	10.3	6	22.1	2	6.7	3	12.3	3	11.7
WIRT	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
WOOD	15	12.9	9	7.9	5	4.4	6	5.3	2	1.8
WYOMING	4	8.7	3	7.5	1	2.6	6	17.5	4	11.8
TOTAL	221	9.0	208	8.6	174	7.5	172	7.7	151	6.9

* FETAL DEATH RATIO = (FETAL DEATHS/LIVE BIRTHS) X 1,000 IN EACH RESPECTIVE COUNTY.

WEST VIRGINIA RESIDENT DEATHS 1988
Selected Causes by Race and Sex
Table 33

SELECTED CAUSES OF DEATH	TOTAL	WHITE		NONWHITE	
		MALE	FEMALE	MALE	FEMALE
FETAL DEATHS	151	79	59	5	8
TOTAL DEATHS, ALL CAUSES	19,780	9,784	9,156	422	418
DEATHS UNDER 1 YEAR	197	105	72	7	13
DEATHS UNDER 28 DAYS	128	71	46	4	7
INTESTINAL INFECTIOUS DISEASES	4	3	1	0	0
TUBERCULOSIS	23	9	11	2	1
SEPTICEMIA	248	99	139	2	8
MALIGNANT NEOPLASMS	4,355	2,193	1,985	87	90
--OF DIGESTIVE ORGANS AND PERITONEUM	962	438	474	19	31
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	1,428	916	459	34	19
--OF GENITOURINARY ORGANS	572	320	220	18	14
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	65	30	31	2	2
DIABETES MELLITUS	391	146	212	12	21
NUTRITIONAL DEFICIENCIES	37	14	21	1	1
ANEMIAS	39	19	18	1	1
MAJOR CARDIOVASCULAR DISEASES	9,248	4,324	4,554	169	201
DISEASES OF THE HEART	7,447	3,595	3,562	140	150
HYPERTENSION	83	31	44	1	7
CEREBROVASCULAR DISEASES	1,295	500	733	24	38
ARTERIOSCLEROSIS	213	80	128	3	2
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	210	118	87	1	4
PNEUMONIA AND INFLUENZA	692	361	311	9	11
PNEUMOMIA	682	356	307	8	11
INFLUENZA	10	5	4	1	0
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	914	540	350	20	4
BRONCHITIS, EMPHYSEMA, AND ASTHMA	212	125	84	2	1
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	137	102	26	7	2
COAL WORKER'S PNEUMOCONIOSIS	65	58	0	7	0
ULCER OF STOMACH AND DUODENUM	45	22	22	0	1
HERNIA AND INTESTINAL OBSTRUCTION	37	6	29	1	1
CHRONIC LIVER DISEASE AND CIRRHOSIS	160	100	48	7	5
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	31	16	13	2	0
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	246	115	110	9	12
INFECTIONS OF KIDNEY	12	2	8	1	1
CONGENITAL ANOMALIES	98	49	47	0	2
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	88	49	28	5	6
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	32	21	8	2	1
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	21	12	8	1	0
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	160	82	72	5	1
ACCIDENTS, ALL FORMS	895	604	254	30	7
MOTOR VEHICLE ACCIDENTS	495	339	146	8	2
HOME ACCIDENTS	151	86	50	11	4
WORK ACCIDENTS	58	54	2	2	0
SUICIDE	218	167	40	8	3
HOMICIDE	108	64	30	8	6
ALL OTHER CAUSES (RESIDUAL)	1,529	668	796	34	31

WEST VIRGINIA RESIDENT DEATHS 1988
Causes of Death: Number and Rate
Table 34

ICDA 9 CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
001-999	TOTAL DEATHS, ALL CAUSES	19,780	10.4
001-136	INFECTIOUS AND PARASITIC DISEASES	331	17.4
001-009	INTESTINAL INFECTIOUS DISEASES	4	0.2
009	ILL-DEFINED INTESTINAL INFECTIONS	4	0.2
010-018	TUBERCULOSIS	23	1.2
011	PULMONARY TUBERCULOSIS	19	1.0
012	OTHER RESPIRATORY TUBERCULOSIS	1	0.1
017	TUBERCULOSIS OF OTHER ORGANS	3	0.2
020-027	ZOONOTIC BACTERIAL DISEASES	1	0.1
027	OTHER ZOONOTIC BACTERIAL DISEASES	1	0.1
030-041	OTHER BACTERIAL DISEASES	254	13.4
031	DISEASES DUE TO OTHER MYCOBACTERIA	2	0.1
036	MENINGOCOCCAL INFECTION	2	0.1
038	SEPTICEMIA	248	13.1
041	BACTERIAL INFECTION IN CONDITIONS CLASSIFIED ELSEWHERE AND OF UNSPECIFIED SITE	2	0.1
042	HUMAN IMMUNODEFICIENCY VIRUS INFECTION WITH SPECIFIED CONDITIONS	16	0.8
045-049	POLIOMYELITIS AND OTHER NON-ARTHROPOD-BORNE VIRAL DISEASES OF CENTRAL NERVOUS SYSTEM	1	0.1
049	OTHER NON-ARTHROPOD-BORNE VIRAL DISEASES OF CENTRAL NERVOUS SYSTEM	1	0.1
050-057	VIRAL DISEASES ACCOMPANIED BY EXANTHEM	3	0.2
053	HERPES ZOSTER	2	0.1
054	HERPES SIMPLEX	1	0.1
070-079	OTHER DISEASES DUE TO VIRUSES AND CHLAMYDIAE	13	0.7
070	VIRAL HEPATITIS	5	0.3
078	OTHER DISEASES DUE TO VIRUSES AND CHLAMYDIAE	3	0.2
079	VIRAL INFECTION IN CONDITIONS CLASSIFIED ELSEWHERE AND OF UNSPECIFIED SITE	5	0.3
110-118	MYCOSES	12	0.6
112	CANDIDIASIS	1	0.1
116	BLASTOMYCOTIC INFECTION	1	0.1
117	OTHER MYCOSES	10	0.5
130-136	OTHER INFECTIOUS AND PARASITIC DISEASES	4	0.2
135	SARCOIDOSIS	3	0.2
136	OTHER AND UNSPECIFIED INFECTIOUS AND PARASITIC DISEASES	1	0.1
137-139	LATE EFFECTS OF INFECTIOUS AND PARASITIC DISEASES	3	0.2
137	LATE EFFECTS OF TUBERCULOSIS	1	0.1
138	LATE EFFECTS OF ACUTE POLIOMYELITIS	2	0.1
140-239	NEOPLASMS	4,420	232.9
140-208	MALIGNANT NEOPLASMS	4,355	229.5
140-149	MALIGNANT NEOPLASM OF LIP, ORAL CAVITY, AND PHARYNX	63	3.3
140	MALIGNANT NEOPLASM OF LIP	2	0.1
141	MALIGNANT NEOPLASM OF TONGUE	15	0.8
142	MALIGNANT NEOPLASM OF MAJOR SALIVARY GLANDS	8	0.4
143	MALIGNANT NEOPLASM OF GUM	1	0.1
144	MALIGNANT NEOPLASM OF FLOOR OF MOUTH	4	0.2
145	MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED PARTS OF MOUTH	8	0.4
146	MALIGNANT NEOPLASM OF OROPHARYNX	4	0.2
147	MALIGNANT NEOPLASM OF NASOPHARYNX	9	0.5
148	MALIGNANT NEOPLASM OF HYPOPHARYNX	1	0.1
149	MALIGNANT NEOPLASM OF OTHER AND ILL-DEFINED SITES WITHIN THE LIP, ORAL CAVITY AND PHARYNX	11	0.6
150-159	MALIGNANT NEOPLASM OF DIGESTIVE ORGANS AND PERITONEUM	962	50.7
150	MALIGNANT NEOPLASM OF ESOPHAGUS	61	3.2
151	MALIGNANT NEOPLASM OF STOMACH	99	5.2
152	MALIGNANT NEOPLASM OF SMALL INTESTINE, INCLUDING DUODENUM	4	0.2
153	MALIGNANT NEOPLASM OF COLON	440	23.2
154	MALIGNANT NEOPLASM OF RECTUM, RECTOSIGMOID JUNCTION, AND ANUS	64	3.4
155	MALIGNANT NEOPLASM OF LIVER AND INTRAHEPATIC BILE DUCTS	45	2.4
156	MALIGNANT NEOPLASM OF GALLBLADDER AND EXTRAHEPATIC BILE DUCTS	27	1.4

WEST VIRGINIA RESIDENT DEATHS 1988
Causes of Death: Number and Rate
Table 34 (cont'd)

ICDA 9 CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
157	MALIGNANT NEOPLASM OF PANCREAS	203	10.7
158	MALIGNANT NEOPLASM OF RETROPERITONEUM AND PERITONEUM	5	0.3
159	MALIGNANT NEOPLASM OF OTHER AND ILL-DEFINED SITES WITHIN THE DIGESTIVE ORGANS AND PERITONEUM	14	0.7
160-165	MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS	1,428	75.2
160	MALIGNANT NEOPLASM OF NASAL CAVITIES, MIDDLE EAR, AND ACCESSORY SINUSES	4	0.2
161	MALIGNANT NEOPLASM OF LARYNX	36	1.9
162	MALIGNANT NEOPLASM OF TRACHEA, BRONCHUS, AND LUNG	1,380	72.7
163	MALIGNANT NEOPLASM OF PLEURA	6	0.3
164	MALIGNANT NEOPLASM OF THYMUS, HEART, AND MEDIASTINUM	2	0.1
170-175	MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, SKIN, AND BREAST	465	24.5
170	MALIGNANT NEOPLASM OF BONE AND ARTICULAR CARTILAGE	5	0.3
171	MALIGNANT NEOPLASM OF CONNECTIVE AND OTHER SOFT TISSUE	34	1.8
172	MALIGNANT MELANOMA OF SKIN	62	3.3
173	OTHER MALIGNANT NEOPLASM OF SKIN	28	1.5
174	MALIGNANT NEOPLASM OF FEMALE BREAST	335	17.7
175	MALIGNANT NEOPLASM OF MALE BREAST	1	0.1
179-189	MALIGNANT NEOPLASM OF GENITOURINARY ORGANS	572	30.1
179	MALIGNANT NEOPLASM OF UTERUS, PART UNSPECIFIED	22	1.2
180	MALIGNANT NEOPLASM OF CERVIX UTERI	40	2.1
182	MALIGNANT NEOPLASM OF BODY OF UTERUS	27	1.4
183	MALIGNANT NEOPLASM OF OVARY AND OTHER UTERINE ADNEXA	87	4.6
184	MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED FEMALE GENITAL ORGANS	8	0.4
185	MALIGNANT NEOPLASM OF PROSTATE	236	12.4
187	MALIGNANT NEOPLASM OF PENIS AND OTHER MALE GENITAL ORGANS	4	0.2
188	MALIGNANT NEOPLASM OF BLADDER	77	4.1
189	MALIGNANT NEOPLASM OF KIDNEY AND OTHER AND UNSPECIFIED URINARY ORGANS	71	3.7
190-199	MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED SITES	487	25.7
191	MALIGNANT NEOPLASM OF BRAIN	71	3.7
192	MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED PARTS OF NERVOUS SYSTEM	4	0.2
193	MALIGNANT NEOPLASM OF THYROID GLAND	11	0.6
194	MALIGNANT NEOPLASM OF OTHER ENDOCRINE GLANDS AND RELATED STRUCTURES	2	0.1
195	MALIGNANT NEOPLASM OF OTHER AND ILL-DEFINED SITES	14	0.7
196	SECONDARY AND UNSPECIFIED MALIGNANT NEOPLASM OF LYMPH NODES	2	0.1
199	MALIGNANT NEOPLASM WITHOUT SPECIFICATION OF SITE	383	20.2
200-208	MALIGNANT NEOPLASM OF LYMPHATIC AND HEMATOPOIETIC TISSUE	378	19.9
200	LYMPHOSARCOMA AND RETICULOSARCOMA	15	0.8
201	HODGKIN'S DISEASE	16	0.8
202	OTHER MALIGNANT NEOPLASM OF LYMPOID AND HISTIOCYTIC TISSUE	117	6.2
203	MULTIPLE MYELOMA AND IMMUNOPROLIFERATIVE NEOPLASMS	73	3.8
204	LYMPHOID LEUKEMIA	46	2.4
205	MYELOID LEUKEMIA	58	3.1
206	MONOCYTIC LEUKEMIA	3	0.2
208	LEUKEMIA OF UNSPECIFIED CELL TYPE	50	2.6
210-229, 235-239	BENIGN AND UNSPECIFIED NEOPLASMS AND NEOPLASMS OF UNCERTAIN BEHAVIOR	65	3.4
210-229	BENIGN NEOPLASMS	9	0.5
211	BENIGN NEOPLASM OF OTHER PARTS OF DIGESTIVE SYSTEM	1	0.1
212	BENIGN NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS	1	0.1
215	OTHER BENIGN NEOPLASM OF CONNECTIVE AND OTHER SOFT TISSUE	1	0.1
220	BENIGN NEOPLASM OF OVARY	1	0.1
225	BENIGN NEOPLASM OF BRAIN AND OTHER PARTS OF NERVOUS SYSTEM	4	0.2
228	HEMANGIOMA AND LYMPHANGIOMA, ANY SITE	1	0.1
235-238	NEOPLASMS OF UNCERTAIN BEHAVIOR	14	0.7
238	NEOPLASM OF UNCERTAIN BEHAVIOR OF OTHER AND UNSPECIFIED SITES AND TISSUES	14	0.7
239	NEOPLASMS OF UNSPECIFIED NATURE	42	2.2
239	NEOPLASM OF UNSPECIFIED NATURE	42	2.2

WEST VIRGINIA RESIDENT DEATHS 1988
Causes of Death: Number and Rate
Table 34 (cont'd)

ICDA 9 CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
240-279	ENDOCRINE, NUTRITIONAL, AND METABOLIC DISEASES AND IMMUNITY DISORDERS	565	29.8
240-246	DISORDERS OF THYROID GLAND	13	0.7
244	ACQUIRED HYPOTHYROIDISM	12	0.6
246	OTHER DISORDERS OF THYROID	1	0.1
250-259	DISEASES OF OTHER ENDOCRINE GLANDS	403	21.2
250	DIABETES MELLITUS	391	20.6
251	OTHER DISORDERS OF PANCREATIC INTERNAL SECRETION	4	0.2
252	DISORDERS OF PARATHYROID GLAND	1	0.1
253	DISORDERS OF THE PITUITARY GLAND AND ITS HYPOTHALAMIC CONTROL	2	0.1
255	DISORDERS OF ADRENAL GLANDS	5	0.3
260-269	NUTRITIONAL DEFICIENCIES	37	1.9
261	NUTRITIONAL MARASMUS	3	0.2
263	OTHER AND UNSPECIFIED PROTEIN-CALORIE MALNUTRITION	33	1.7
269	OTHER NUTRITIONAL DEFICIENCIES	1	0.1
270-279	OTHER METABOLIC DISORDERS AND IMMUNITY DISORDERS	112	5.9
271	DISORDERS OF CARBOHYDRATE TRANSPORT AND METABOLISM	1	0.1
272	DISORDERS OF LIPOID METABOLISM	6	0.3
273	DISORDERS OF PLASMA PROTEIN METABOLISM	3	0.2
274	GOUT	1	0.1
275	DISORDERS OF MINERAL METABOLISM	5	0.3
276	DISORDERS OF FLUID, ELECTROLYTE, AND ACID-BASE BALANCE	62	3.3
277	OTHER AND UNSPECIFIED DISORDERS OF METABOLISM	15	0.8
278	OBESITY AND OTHER HYPERALIMENTATION	11	0.6
279	DISORDERS INVOLVING THE IMMUNE MECHANISM	8	0.4
280-289	DISEASES OF BLOOD AND BLOOD-FORMING ORGANS	76	4.0
280	IRON DEFICIENCY ANEMIAS	1	0.1
281	OTHER DEFICIENCY ANEMIAS	6	0.3
283	ACQUIRED HEMOLYTIC ANEMIAS	1	0.1
284	APLASTIC ANEMIA	11	0.6
285	OTHER AND UNSPECIFIED ANEMIAS	20	1.1
286	COAGULATION DEFECTS	8	0.4
287	PURPURA AND OTHER HEMORRHAGIC CONDITIONS	9	0.5
288	DISEASES OF WHITE BLOOD CELLS	7	0.4
289	OTHER DISEASES OF BLOOD AND BLOOD-FORMING ORGANS	13	0.7
290-319	MENTAL DISORDERS	197	10.4
290-294	ORGANIC PSYCHOTIC CONDITIONS	43	2.3
290	SENILE AND PRESENILE ORGANIC PSYCHOTIC CONDITIONS	41	2.2
291	ALCOHOLIC PSYCHOSES	2	0.1
295-299	OTHER PSYCHOSES	31	1.6
295	SCHIZOPHRENIC PSYCHOSES	1	0.1
296	AFFECTIVE PSYCHOSES	1	0.1
298	OTHER NONORGANIC PSYCHOSES	29	1.5
300-316	NEUROTIC DISORDERS, PERSONALITY DISORDERS, AND OTHER NONPSYCHOTIC MENTAL DISORDERS	121	6.4
303	ALCOHOL DEPENDENCE SYNDROME	25	1.3
305	NONDEPENDENT ABUSE OF DRUGS	11	0.6
306	PHYSIOLOGICAL MALFUNCTION ARISING FROM MENTAL FACTORS	1	0.1
307	SPECIAL SYMPTOMS OR SYNDROMES NOT ELSEWHERE CLASSIFIED	2	0.1
310	SPECIFIC NONPSYCHOTIC MENTAL DISORDERS FOLLOWING ORGANIC BRAIN DAMAGE	82	4.3
317-319	MENTAL RETARDATION	2	0.1
319	UNSPECIFIED MENTAL RETARDATION	2	0.1
320-389	DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS	299	15.8
320-326	INFLAMMATORY DISEASES OF THE CENTRAL NERVOUS SYSTEM	15	0.8
320	BACTERIAL MENINGITIS	4	0.2
322	MENINGITIS OF UNSPECIFIED CAUSE	5	0.3
323	ENCEPHALITIS, MYELITIS, AND ENCEPHALOMYELITIS	1	0.1
324	INTRACRANIAL AND INTRASPINAL ABSCESS	4	0.2

WEST VIRGINIA RESIDENT DEATHS 1988
Causes of Death: Number and Rate
Table 34 (cont'd)

ICDA 9 CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
326	LATE EFFECTS OF INTRACRANIAL ABSCESS OR PYOGENIC INFECTION	1	0.1
330-337	HEREDITARY AND DEGENERATIVE DISEASES OF THE CENTRAL NERVOUS SYSTEM	207	10.9
330	CEREBRAL DEGENERATIONS USUALLY MANIFEST IN CHILDHOOD	2	0.1
331	OTHER CEREBRAL DEGENERATIONS	119	6.3
332	PARKINSON'S DISEASE	47	2.5
333	OTHER EXTRAPYRAMIDAL DISEASE AND ABNORMAL MOVEMENT DISORDERS	4	0.2
334	SPINOCEREBELLAR DISEASE	1	0.1
335	ANTERIOR HORN CELL DISEASE	31	1.6
336	OTHER DISEASES OF SPINAL CORD	3	0.2
340-349	OTHER DISORDERS OF THE CENTRAL NERVOUS SYSTEM	61	3.2
340	MULTIPLE SCLEROSIS	8	0.4
343	INFANTILE CEREBRAL PALSY	5	0.3
344	OTHER PARALYTIC SYNDROMES	6	0.3
345	EPILEPSY	8	0.4
348	OTHER CONDITIONS OF BRAIN	28	1.5
349	OTHER AND UNSPECIFIED DISORDERS OF THE NERVOUS SYSTEM	6	0.3
350-359	DISORDERS OF THE PERIPHERAL NERVOUS SYSTEM	14	0.7
356	HEREDITARY AND IDIOPATHIC PERIPHERAL NEUROPATHY	2	0.1
357	INFLAMMATORY AND TOXIC NEUROPATHY	1	0.1
358	MYONEURAL DISORDERS	4	0.2
359	MUSCULAR DYSTROPHIES AND OTHER MYOPATHIES	7	0.4
360-379	DISORDERS OF THE EYE AND ADNEXA	2	0.1
370	KERATITIS	1	0.1
376	DISORDERS OF THE ORBIT	1	0.1
390-459	DISEASES OF THE CIRCULATORY SYSTEM	9,298	489.9
390-448	MAJOR CARDIOVASCULAR DISEASE	9,248	487.2
390-398, 402, 404-429	DISEASES OF THE HEART	7,447	392.4
390-392	ACUTE RHEUMATIC FEVER	4	0.2
390	RHEUMATIC FEVER WITHOUT MENTION OF HEART INVOLVEMENT	1	0.1
391	RHEUMATIC FEVER WITH HEART INVOLVEMENT	2	0.1
392	RHEUMATIC CHOREA	1	0.1
393-398	CHRONIC RHEUMATIC HEART DISEASE	40	2.1
394	DISEASES OF MITRAL VALVE	20	1.1
395	DISEASES OF AORTIC VALVE	1	0.1
396	DISEASES OF MITRAL AND AORTIC VALVES	10	0.5
398	OTHER RHEUMATIC HEART DISEASE	9	0.5
401-405	HYPERTENSIVE DISEASE	262	13.8
401	ESSENTIAL HYPERTENSION	56	3.0
402	HYPERTENSIVE HEART DISEASE	163	8.6
403	HYPERTENSIVE RENAL DISEASE	27	1.4
404	HYPERTENSIVE HEART AND RENAL DISEASE	16	0.8
410-414	ISCHEMIC HEART DISEASE	4,560	240.3
410	ACUTE MYOCARDIAL INFARCTION	2,409	126.9
411	OTHER ACUTE AND SUBACUTE FORM OF ISCHEMIC HEART DISEASE	16	0.8
412	OLD MYOCARDIAL INFARCTION	17	0.9
413	ANGINA PECTORIS	7	0.4
414	OTHER FORMS OF CHRONIC ISCHEMIC HEART DISEASE	2,111	111.2
415-417	DISEASES OF PULMONARY CIRCULATION	119	6.3
415	ACUTE PULMONARY HEART DISEASE	106	5.6
416	CHRONIC PULMONARY HEART DISEASE	11	0.6
417	OTHER DISEASES OF PULMONARY CIRCULATION	2	0.1
420-429	OTHER FORMS OF HEART DISEASE	2,545	134.1
421	ACUTE AND SUBACUTE ENDOCARDITIS	8	0.4
422	ACUTE MYOCARDITIS	2	0.1

WEST VIRGINIA RESIDENT DEATHS 1988
Causes of Death: Number and Rate
Table 34 (cont'd)

ICDA 9 CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
423	OTHER DISEASES OF PERICARDIUM	5	0.3
424	OTHER DISEASES OF ENDOCARDIUM	97	5.1
425	CARDIOMYOPATHY	160	8.4
426	CONDUCTION DISORDERS	7	0.4
427	CARDIAC DYSRHYTHMIAS	904	47.6
428	HEART FAILURE	480	25.3
429	ILL-DEFINED DESCRIPTIONS AND COMPLICATIONS OF HEART DISEASE	882	46.5
430-438	CEREBROVASCULAR DISEASE	1,295	68.2
430	SUBARACHNOID HEMORRHAGE	45	2.4
431	INTRACEREBRAL HEMORRHAGE	146	7.7
432	OTHER AND UNSPECIFIED INTRACRANIAL HEMORRHAGE	18	0.9
433	OCCLUSION AND STENOSIS OF PRECEREBRAL ARTERIES	16	0.8
434	OCCLUSION OF CEREBRAL ARTERIES	173	9.1
435	TRANSCIENT CEREBRAL ISCHEMIA	3	0.2
436	ACUTE BUT ILL-DEFINED CEREBROVASCULAR DISEASE	787	41.5
437	OTHER AND ILL-DEFINED CEREBROVASCULAR DISEASE	77	4.1
438	LATE EFFECTS OF CEREBROVASCULAR DISEASE	30	1.6
440-448	DISEASES OF ARTERIES, ARTERIOLES AND CAPILLARIES	423	22.3
440	ATHEROSCLEROSIS	213	11.2
441	AORTIC ANEURYSM	137	7.2
442	OTHER ANEURYSM	5	0.3
443	OTHER PERIPHERAL VASCULAR DISEASE	30	1.6
444	ARTERIAL EMBOLISM AND THROMBOSIS	15	0.8
446	POLYARTERITIS NODOSA AND ALLIED CONDITIONS	12	0.6
447	OTHER DISORDERS OF ARTERIES AND ARTERIOLES	10	0.5
448	DISEASES OF CAPILLARIES	1	0.1
451-459	DISEASES OF VEINS AND LYMPHATICS AND OTHER DISEASES OF CIRCULATORY SYSTEM	50	2.6
451	PHLEBITIS AND THROMBOPHLEBITIS	11	0.6
453	OTHER VENOUS EMBOLISM AND THROMBOSIS	5	0.3
456	VARICOSE VEINS OF OTHER SITES	7	0.4
458	HYPOTENSION	6	0.3
459	OTHER DISORDERS OF CIRCULATORY SYSTEM	21	1.1
460-519	DISEASES OF THE RESPIRATORY SYSTEM	1,912	100.7
460-466	ACUTE RESPIRATORY INFECTIONS	10	0.5
466	ACUTE BRONCHITIS AND BRONCHIOLITIS	10	0.5
470-478	OTHER DISEASES OF UPPER RESPIRATORY TRACT	5	0.2
472	CHRONIC PHARYNGITIS AND NASOPHARYNGITIS	1	0.1
478	OTHER DISEASES OF UPPER RESPIRATORY TRACT	2	0.1
480-487	PNEUMONIA AND INFLUENZA	692	36.5
480	VIRAL PNEUMONIA	8	0.4
481	PNEUMOCOCCAL PNEUMONIA	18	0.9
482	OTHER BACTERIAL PNEUMONIA	34	1.8
483	PNEUMONIA DUE TO OTHER SPECIFIED ORGANISM	1	0.1
485	BRONCHOPNEUMONIA, ORGANISM UNSPECIFIED	47	2.5
486	PNEUMONIA, ORGANISM UNSPECIFIED	574	30.2
487	INFLUENZA	10	0.5
490-496	CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	914	48.2
490	BRONCHITIS, NOT SPECIFIED AS ACUTE OR CHRONIC	8	0.4
491	CHRONIC BRONCHITIS	38	2.0
492	EMPHYSEMA	133	7.0
493	ASTHMA	33	1.7
494	BRONCHIECTASIS	6	0.3
495	EXTRINSIC ALLERGIC ALVEOLITIS	1	0.1
496	CHRONIC AIRWAYS OBSTRUCTION, NOT ELSEWHERE CLASSIFIED	695	36.6
500-508	PNEUMOCONIOSES AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENTS	137	7.2
500	COAL WORKERS' PNEUMOCONIOSIS	65	3.4

WEST VIRGINIA RESIDENT DEATHS 1988
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Table 34 (cont'd)

ICDA 9 CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
501	ASBESTOSIS	3	0.2
502	PNEUMOCONIOSIS DUE TO OTHER SILICA OR SILICATES	2	0.1
503	PNEUMOCONIOSIS DUE TO OTHER INORGANIC DUST	1	0.1
505	PNEUMOCONIOSIS, UNSPECIFIED	7	0.4
506	RESPIRATORY CONDITIONS DUE TO CHEMICAL FUMES AND VAPORS	1	0.1
507	PNEUMONITIS DUE TO SOLIDS AND LIQUIDS	58	3.1
510-519	OTHER DISEASES OF RESPIRATORY SYSTEM	156	8.2
510	EMPYEMA	1	0.1
511	PLEURISY	14	0.7
512	PNEUMOTHORAX	5	0.3
513	ABSCESS OF LUNG AND MEDIASTINUM	3	0.2
514	PULMONARY CONGESTION AND HYPOSTASIS	14	0.7
515	POSTINFLAMMATORY PULMONARY FIBROSIS	36	1.9
516	OTHER ALVEOLAR AND PARIETOALVEOLAR PNEUMOPATHY	4	0.2
518	OTHER DISEASES OF LUNG	73	3.8
519	OTHER DISEASES OF RESPIRATORY SYSTEM	6	0.3
520-579	DISEASES OF THE DIGESTIVE SYSTEM	603	31.8
520-529	DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS	2	0.1
527	DISEASES OF THE SALIVARY GLANDS	1	0.1
528	DISEASES OF THE ORAL SOFT TISSUES, EXCLUDING LESIONS SPECIFIC FOR GINGIVA AND TONGUE	1	0.1
530-537	DISEASES OF ESOPHAGUS, STOMACH, AND DUODENUM	66	3.5
530	DISEASES OF ESOPHAGUS	11	0.6
531	GASTRIC ULCER	11	0.6
532	DUODENAL ULCER	13	0.7
533	PEPTIC ULCER, SITE UNSPECIFIED	21	1.1
534	GASTROJEJUNAL ULCER	2	0.1
535	GASTRITIS AND DUODENITIS	2	0.1
536	DISORDERS OF FUNCTION OF STOMACH	1	0.1
537	OTHER DISORDERS OF STOMACH AND DUODENUM	5	0.3
540-543	APPENDICITIS	2	0.1
540	ACUTE APPENDICITIS	2	0.1
550-553	HERNIA OF ABDOMINAL CAVITY	7	0.4
550	INGUINAL HERNIA	1	0.1
551	OTHER HERNIA OF ABDOMINAL CAVITY, WITH GANGRENE	1	0.1
552	OTHER HERNIA OF ABDOMINAL CAVITY WITH OBSTRUCTION, WITHOUT MENTION OF GANGRENE	2	0.1
553	OTHER HERNIA OF ABDOMINAL CAVITY WITHOUT MENTION OF OBSTRUCTION OR GANGRENE	3	0.2
555-558	NONINFECTIOUS ENTERITIS AND COLITIS	61	3.2
555	REGIONAL ENTERITIS	3	0.2
556	IDIOPATHIC PROCTOCOLITIS	1	0.1
557	VASCULAR INSUFFICIENCY OF INTESTINE	48	2.5
558	OTHER NONINFECTIVE GASTROENTERITIS AND COLITIS	9	.5
560-569	OTHER DISEASES OF INTESTINES AND PERITONEUM	90	4.7
560	INTESTINAL OBSTRUCTION WITHOUT MENTION OF HERNIA	30	1.6
562	DIVERTICULA OF INTESTINE	23	1.2
564	FUNCTIONAL DIGESTIVE DISORDERS, NOT ELSEWHERE CLASSIFIED	2	0.1
567	PERITONITIS	12	0.6
569	OTHER DISORDERS OF INTESTINE	23	1.2
570-579	OTHER DISEASES OF DIGESTIVE SYSTEM	375	19.8
571	CHRONIC LIVER DISEASE AND CIRRHOSIS	160	8.4
572	LIVER ABSCESS AND SEQUELAE OF CHRONIC LIVER DISEASE	55	2.9
573	OTHER DISORDERS OF LIVER	14	0.7
574	CHOLELITHIASIS	13	0.7
575	OTHER DISORDERS OF GALLBLADDER	18	0.9
576	OTHER DISORDERS OF BILIARY TRACT	12	0.6
577	DISEASES OF PANCREAS	26	1.4
578	GASTROINTESTINAL HEMORRHAGE	73	3.8

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Table 34 (cont'd)

ICDA 9 CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
579	INTESTINAL MALABSORPTION	4	0.2
580-589	NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	246	13.0
581	NEPHROTIC SYNDROME	3	0.2
582	CHRONIC GLOMERULONEPHRITIS	3	0.2
583	NEPHRITIS AND NEPHROPATHY, NOT SPECIFIED AS ACUTE OR CHRONIC	3	0.2
584	ACUTE RENAL FAILURE	50	2.6
585	CHRONIC RENAL FAILURE	56	3.0
586	RENAL FAILURE, UNSPECIFIED	130	6.8
588	DISORDERS RESULTING FROM IMPAIRED RENAL FUNCTION	1	0.1
590-599	OTHER DISEASES OF URINARY SYSTEM	160	8.4
590	INFECTIONS OF KIDNEY	12	0.6
591	HYDRONEPHROSIS	3	0.2
592	CALCULUS OF KIDNEY AND URETER	3	0.2
593	OTHER DISORDERS OF KIDNEY AND URETER	35	1.8
595	CYSTITIS	1	0.1
599	OTHER DISORDERS OF URETHRA AND URINARY TRACT	106	5.6
614-616	INFLAMMATORY DISEASE OF FEMALE PELVIC ORGANS	1	0.1
614	INFLAMMATORY DISEASE OF OVARY, FALLOPIAN TUBE, PELVIC CELLULAR TISSUE, AND PERITONEUM	1	0.1
617-629	OTHER DISORDERS OF FEMALE GENITAL TRACT	3	0.2
619	FISTULAE INVOLVING FEMALE GENITAL TRACT	1	0.1
621	DISORDERS OF UTERUS, NOT ELSEWHERE CLASSIFIED	1	0.1
623	NONINFLAMMATORY DISORDERS OF VAGINA	1	0.1
630-676*	COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND THE PUERPERIUM	1	4.6
660-669	COMPLICATIONS OCCURRING MAINLY IN THE COURSE OF LABOUR AND DELIVERY	1	0.1
669	OTHER COMPLICATIONS OF LABOR AND DELIVERY, NOT ELSEWHERE CLASSIFIED	1	0.1
680-709	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	33	1.7
680-686	INFECTIONS OF SKIN AND SUBCUTANEOUS TISSUE	4	0.2
682	OTHER CELLULITIS AND ABSCESS	3	0.2
686	OTHER LOCAL INFECTIONS OF SKIN AND SUBCUTANEOUS TISSUE	1	0.1
690-698	OTHER INFLAMMATORY CONDITIONS OF SKIN AND SUBCUTANEOUS TISSUE	4	0.2
693	DERMATITIS DUE TO TAKEN INTERNALLY SUBSTANCES	1	0.1
695	ERYTHEMATOUS CONDITIONS	3	0.2
700-709	OTHER DISEASES OF SKIN AND SUBCUTANEOUS TISSUE	25	1.3
707	CHRONIC ULCER OF SKIN	25	1.3
710-719	ARTHROPATHIES AND RELATED DISORDERS	36	1.9
710	DIFFUSE DISEASES OF CONNECTIVE TISSUE	18	0.9
714	RHEUMATOID ARTHRITIS AND OTHER INFLAMMATORY POLYARTHROPATHIES	13	0.7
715	OSTEOARTHROSIS AND ALLIED DISORDERS	2	0.1
716	OTHER AND UNSPECIFIED ARTHROPATHIES	3	0.2
720-724	DORSOPATHIES	2	0.1
720	ANKYLOSING SPONDYLITIS AND OTHER INFLAMMATORY SPONDYLOPATHIES	1	0.1
724	OTHER AND UNSPECIFIED DISORDERS OF BACK	1	0.1
730-739	OSTEOPATHIES, CHONDROPATHIES, AND ACQUIRED MUSCULOSKELETAL DEFORMITIES	6	0.3
730	OSTEOMYELITIS, PERIOSTITIS, AND OTHER INFECTIONS INVOLVING BONE	1	0.1
731	OSTEITIS DEFORMANS AND OSTEOPATHIES ASSOCIATED WITH OTHER DISORDERS CLASSIFIED ELSEWHERE	1	0.1
733	OTHER DISORDERS OF BONE AND CARTILAGE	3	0.2
738	OTHER ACQUIRED DEFORMITY	1	0.1
740-759	CONGENITAL ANOMALIES	98	5.2
740-759	CONGENITAL ANOMALIES	98	5.2
740	ANENCEPHALUS AND SIMILAR ANOMALIES	4	0.2
741	SPINA BIFIDA	3	0.2
742	OTHER CONGENITAL ANOMALIES OF NERVOUS SYSTEM	9	0.5
745	BULBUS CORDIS ANOMALIES AND ANOMALIES OF CARDIAC SEPTAL CLOSURE	14	0.7
746	OTHER CONGENITAL ANOMALIES OF HEART	27	1.4
747	OTHER CONGENITAL ANOMALIES OF CIRCULATORY SYSTEM	9	0.5

* MATERNAL DEATH RATES ARE PER 100,000 LIVE BIRTHS.

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Table 34 (cont'd)

ICDA 9 CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
748	CONGENITAL ANOMALIES OF RESPIRATORY SYSTEM	3	0.2
751	OTHER CONGENITAL ANOMALIES OF DIGESTIVE SYSTEM	1	0.1
753	CONGENITAL ANOMALIES OF URINARY SYSTEM	4	0.2
756	OTHER CONGENITAL MUSCULOSKELETAL ANOMALIES	6	0.3
757	CONGENITAL ANOMALIES OF THE INTEGUMENT	1	0.1
758	CHROMOSOMAL ANOMALIES	12	0.6
759	OTHER AND UNSPECIFIED CONGENITAL ANOMALIES	5	0.3
760-779	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	88	4.6
760-779	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	88	4.6
760	FETUS OR NEWBORN AFFECTED BY MATERNAL CONDITIONS WHICH MAY BE UNRELATED TO PRESENT PREGNANCY	1	0.1
761	FETUS OR NEWBORN AFFECTED BY MATERNAL COMPLICATIONS OF PREGNANCY	2	0.1
762	FETUS OR NEWBORN AFFECTED BY COMPLICATIONS OF PLACENTA, CORD, AND MEMBRANES	4	0.2
763	FETUS OR NEWBORN AFFECTED BY OTHER COMPLICATIONS OF LABOR AND DELIVERY	1	0.1
765	DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	21	1.1
767	BIRTH TRAUMA	2	0.1
768	INTRAUTERINE HYPOXIA AND BIRTH ASPHYXIA	4	0.2
769	RESPIRATORY DISTRESS SYNDROME	26	1.4
770	OTHER RESPIRATORY CONDITIONS OF FETUS AND NEWBORN	11	0.6
771	INFECTIONS SPECIFIC TO THE PERINATAL PERIOD	5	0.3
772	FETAL AND NEONATAL HEMORRHAGE	3	0.2
777	PERINATAL DISORDERS OF DIGESTIVE SYSTEM	1	0.1
779	OTHER AND ILL-DEFINED CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	7	0.4
780-799	SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	160	8.4
780-789	SYMPTOMS	23	1.2
780	GENERAL SYMPTOMS	6	0.3
784	SYMPTOMS INVOLVING HEAD AND NECK	1	0.1
785	SYMPTOMS INVOLVING CARDIOVASCULAR SYSTEM	12	0.6
786	SYMPTOMS INVOLVING RESPIRATORY SYSTEM AND OTHER CHEST SYMPTOMS	3	0.2
789	OTHER SYMPTOMS INVOLVING ABDOMEN AND PELVIS	1	0.1
790-796	NONSPECIFIC ABNORMAL FINDINGS	1	0.1
791	NONSPECIFIC FINDINGS ON EXAMINATION OR URINE	1	0.1
797-799	ILL-DEFINED AND UNKNOWN CAUSES OF MORBIDITY AND MORTALITY	136	7.2
797	SENILITY WITHOUT MENTION OF PSYCHOSIS	14	0.7
798	SUDDEN DEATH, CAUSE UNKNOWN	62	3.3
799	OTHER ILL-DEFINED AND UNKNOWN CAUSES OF MORBIDITY AND MORTALITY	60	3.2
E800-999*	EXTERNAL CAUSES OF INJURY AND POISONING	1,242	65.4
E800-949	ACCIDENTS, ALL FORMS	895	47.2
E800-807	RAILWAY ACCIDENTS	2	0.1
E805	HIT BY ROLLING STOCK	2	0.1
E810-825	MOTOR VEHICLE ACCIDENTS	495	26.1
E810-819	MOTOR VEHICLE TRAFFIC ACCIDENTS	485	25.6
E810	MOTOR VEHICLE TRAFFIC ACCIDENT INVOLVING COLLISION WITH TRAIN	3	0.2
E812	OTHER MOTOR VEHICLE TRAFFIC ACCIDENT INVOLVING COLLISION WITH ANOTHER MOTOR VEHICLE	144	7.6
E813	MOTOR VEHICLE TRAFFIC ACCIDENT INVOLVING COLLISION WITH OTHER VEHICLE	3	0.2
E814	MOTOR VEHICLE TRAFFIC ACCIDENT INVOLVING COLLISION WITH PEDESTRIAN	61	3.2
E815	OTHER MOTOR VEHICLE TRAFFIC ACCIDENT INVOLVING COLLISION ON THE HIGHWAY	47	2.5
E816	MOTOR VEHICLE TRAFFIC ACCIDENT DUE TO LOSS OF CONTROL, WITHOUT COLLISION ON THE HIGHWAY	77	4.1
E817	NONCOLLISION MOTOR VEHICLE TRAFFIC ACCIDENT WHILE BOARDING OR ALIGHTING	2	0.1
E818	OTHER NONCOLLISION MOTOR VEHICLE TRAFFIC ACCIDENT	31	1.6
E819	MOTOR VEHICLE TRAFFIC ACCIDENT OF UNSPECIFIED NATURE	117	6.2
E820-825	MOTOR VEHICLE NONTRAFFIC ACCIDENTS	10	0.5
E821	NONTRAFFIC ACCIDENT INVOLVING OTHER OFF-ROAD MOTOR VEHICLE	2	0.1
E822	OTHER MOTOR VEHICLE NONTRAFFIC ACCIDENT INVOLVING COLLISION WITH MOVING OBJECT	4	0.2
E825	OTHER MOTOR VEHICLE NONTRAFFIC ACCIDENT OF OTHER AND UNSPECIFIED NATURE	4	0.2

* CAUSES 800 THROUGH 999 HAVE BEEN CODED USING E (EXTERNAL) ICDA 9 CODES.

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Table 34 (cont'd)

ICDA 9 CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
E826-829	OTHER ROAD VEHICLE ACCIDENTS	1	0.1
E828	ACCIDENT INVOLVING ANIMAL BEING RIDDEN	1	0.1
E830-838	WATER TRANSPORT ACCIDENTS	6	0.3
E830	ACCIDENT TO WATERCRAFT CAUSING SUBMERSION	3	0.2
E831	ACCIDENT TO WATERCRAFT CAUSING OTHER INJURY	1	0.1
E832	OTHER ACCIDENTAL SUBMERSION OR DROWNING IN WATER TRANSPORT ACCIDENT	2	0.1
E840-845	AIR AND SPACE TRANSPORT ACCIDENTS	5	0.3
E841	ACCIDENT TO POWERED AIRCRAFT, OTHER AND UNSPECIFIED	5	0.3
E846-848	VEHICLE ACCIDENTS NOT ELSEWHERE CLASSIFIABLE	1	0.1
E846	ACCIDENTS INVOLVING POWERED VEHICLES USED SOLELY WITHIN THE BUILDINGS AND PREMISES OF AN INDUSTRIAL OR COMMERCIAL ESTABLISHMENT	1	0.1
E850-949	NONMOTOR VEHICLE ACCIDENTS	385	20.3
E850-858	ACCIDENTAL POISONING BY DRUGS, MEDICAMENTS, AND BIOLOGICALS	26	1.4
E850	ACCIDENTAL POISONING BY ANALGESICS, ANTIPYRETICS, ANTIRHEUMATICS	9	0.5
E853	ACCIDENTAL POISONING BY TRANQUILIZERS	1	0.1
E854	ACCIDENTAL POISONING BY OTHER PSYCHOTROPIC AGENTS	2	0.1
E855	ACCIDENTAL POISONING BY OTHER DRUGS ACTING ON CENTRAL AND AUTONOMIC NERVOUS SYSTEMS	4	0.2
E858	ACCIDENTAL POISONING BY OTHER DRUGS	10	0.5
E860-869	ACCIDENTAL POISONING BY OTHER SOLID AND LIQUID SUBSTANCES, GASES, AND VAPORS	9	0.5
E860	ACCIDENTAL POISONING BY ALCOHOL, NOT ELSEWHERE CLASSIFIED	1	0.1
E862	ACCIDENTAL POISONING BY PETROLEUM PRODUCTS, OTHER SOLVENTS AND THEIR VAPORS, NOT ELSEWHERE CLASSIFIED	1	0.1
E868	ACCIDENTAL POISONING BY OTHER UTILITY GAS AND OTHER CARBON MONOXIDE	7	0.4
E870-876	MISADVENTURES TO PATIENTS DURING SURGICAL AND MEDICAL CARE	5	0.3
E870	ACCIDENTAL CUT, PUNCTURE, PERFORATION OR HEMORRHAGE DURING MEDICAL CARE	4	0.2
E876	OTHER AND UNSPECIFIED MISADVENTURES DURING MEDICAL CARE	1	0.1
E878-879	SURGICAL AND MEDICAL PROCEDURES AS THE CAUSE OF ABNORMAL REACTION OF PATIENT OR LATER COMPLICATION, WITHOUT MENTION OF MISADVENTURE AT THE TIME OF PROCEDURE	25	1.3
E878	SURGICAL OPERATION AND OTHER SURGICAL PROCEDURES AS THE CAUSE OF ABNORMAL REACTION OF PATIENT, OR OF LATER COMPLICATION, WITHOUT MENTION OF MISADVENTURE AT THE TIME OF OPERATION	20	1.1
E879	OTHER PROCEDURES, WITHOUT MENTION OF MISADVENTURE AT THE TIME OF PROCEDURE, AS THE CAUSE OF ABNORMAL REACTION OF PATIENT, OR OF LATER COMPLICATION	5	0.3
E880-888	ACCIDENTAL FALLS	107	5.6
E880	FALL ON OR FROM STAIRS OR STEPS	8	0.4
E881	FALL ON OR FROM LADDERS OR SCAFFOLDING	3	0.2
E882	FALL FROM OR OUT OF BUILDING OR OTHER STRUCTURE	7	0.4
E884	OTHER FALL FROM ONE LEVEL TO ANOTHER	10	0.5
E885	FALL ON SAME LEVEL FROM SLIPPING, TRIPPING, OR STUMBLING	1	0.1
E887	FRACTURE, CAUSE UNSPECIFIED	12	0.6
E888	OTHER AND UNSPECIFIED FALL	66	3.5
E890-899	ACCIDENTS CAUSED BY FIRE AND FLAMES	46	2.4
E890	CONFLAGRATION IN PRIVATE DWELLING	38	2.0
E891	CONFLAGRATION IN OTHER AND UNSPECIFIED BUILDING OR STRUCTURE	1	0.1
E892	CONFLAGRATION NOT IN BUILDING OR STRUCTURE	1	0.1
E893	ACCIDENT CAUSED BY IGNITION OF CLOTHING	5	0.3
E898	ACCIDENT CAUSED BY OTHER SPECIFIED FIRE AND FLAMES	1	0.1
E900-909	ACCIDENTS DUE TO NATURAL AND ENVIRONMENTAL FACTORS	12	0.6
E901	EXCESSIVE COLD	9	0.5
E904	HUNGER, THIRST, EXPOSURE, NEGLECT	1	0.1
E905	VENOMOUS ANIMALS AND PLANTS AS THE CAUSE OF POISONING AND TOXIC REACTIONS	2	0.1
E910-915	ACCIDENTS CAUSED BY SUBMERSION, SUFFOCATION, AND FOREIGN BODIES	65	3.4
E910	ACCIDENTAL DROWNING AND SUBMERSION	31	1.6
E911	INHALATION AND INGESTION OF FOOD CAUSING OBSTRUCTION OF RESPIRATORY TRACT OR SUFFOCATION	10	0.5
E912	INHALATION AND INGESTION OF OTHER OBJECT CAUSING OBSTRUCTION OF RESPIRATORY TRACT OR SUFFOCATION	14	0.7
E913	ACCIDENTAL MECHANICAL SUFFOCATION	8	0.4

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Table 34 (cont'd)

ICDA 9 CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
E915	FOREIGN BODY ACCIDENTALLY ENTERING OTHER ORIFICE	2	0.1
E916-928	OTHER ACCIDENTS	86	4.5
E916	STRUCK ACCIDENTALLY BY FALLING OBJECT	18	0.9
E918	CAUGHT ACCIDENTALLY IN OR BETWEEN OBJECTS	1	0.1
E919	ACCIDENTS CAUSED BY MACHINERY	20	1.1
E920	ACCIDENTS CAUSED BY CUTTING AND PIERCING INSTRUMENTS OR OBJECTS	3	0.2
E922	ACCIDENT CAUSED BY FIREARM MISSILE	14	0.7
E923	ACCIDENT CAUSED BY EXPLOSIVE MATERIAL	3	0.2
E924	ACCIDENT CAUSED BY HOT SUBSTANCE OR OBJECT, CAUSTIC OR CORROSIVE MATERIAL AND STEAM	1	0.1
E925	ACCIDENT CAUSED BY ELECTRIC CURRENT	12	0.6
E928	OTHER AND UNSPECIFIED ENVIRONMENTAL AND ACCIDENTAL CAUSES	14	0.7
E929	LATE EFFECTS OF ACCIDENTAL INJURY	4	0.2
E929	LATE EFFECTS OF ACCIDENTAL INJURY	4	0.2
E950-959	SUICIDE AND SELF-INFLICTED INJURY	218	11.5
E950	SUICIDE AND SELF-INFLICTED POISONING BY SOLID OR LIQUID SUBSTANCES	22	1.2
E952	SUICIDE AND SELF-INFLICTED POISONING BY OTHER GASES AND VAPORS	8	0.4
E953	SUICIDE AND SELF-INFLICTED INJURY BY HANGING, STRANGULATION, AND SUFFOCATION	14	0.7
E954	SUICIDE AND SELF-INFLICTED INJURY BY SUBMERSION (DROWNING)	3	0.2
E955	SUICIDE AND SELF-INFLICTED INJURY BY FIREARMS AND EXPLOSIVES	167	8.8
E956	SUICIDE AND SELF-INFLICTED INJURY BY CUTTING AND PIERCING INSTRUMENTS	2	0.1
E958	SUICIDE AND SELF-INFLICTED INJURY BY OTHER AND UNSPECIFIED MEANS	2	0.1
E960-969	HOMICIDE AND INJURY PURPOSELY INFLICTED BY OTHER PERSONS	108	5.7
E960	FIGHT, BRAWL, RAPE	2	0.1
E963	ASSAULT BY HANGING AND STRANGULATION	5	0.3
E964	ASSAULT BY SUBMERSION (DROWNING)	1	0.1
E965	ASSAULT BY FIREARMS AND EXPLOSIVES	69	3.6
E966	ASSAULT BY CUTTING AND PIERCING INSTRUMENTS	16	0.8
E967	CHILD BATTERING AND OTHER MALTREATMENT	4	0.2
E968	ASSAULT BY OTHER AND UNSPECIFIED MEANS	10	0.5
E969	LATE EFFECTS OF INJURY PURPOSELY INFLICTED BY OTHER PERSON	1	0.1
E970-978	LEGAL INTERVENTION	3	0.2
E970	INJURY DUE TO LEGAL INTERVENTION BY FIREARMS	3	0.2
E980-989	INJURY UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED	18	0.9
E980	POISONING BY SOLID OR LIQUID SUBSTANCES, UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED	6	0.3
E982	POISONING BY OTHER GASES, UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED	1	0.1
E984	SUBMERSION (DROWNING), UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED	6	0.3
E985	INJURY BY FIREARMS AND EXPLOSIVES, UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED	2	0.1
E987	FALLING FROM HIGH PLACE, UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED	1	0.1
E988	INJURY BY OTHER AND UNSPECIFIED MEANS, UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED	2	0.1

WEST VIRGINIA RESIDENT DEATHS 1988
Selected Causes: Number and Rate by Region
Table 35

SELECTED CAUSES OF DEATH	NUMBER AND RATE BY REGION											
	REGION 1		REGION 2		REGION 3		REGION 4		REGION 5		REGION 6	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	27	9.8	24	7.5	24	6.8	12	8.0	7	3.3	20	6.7
TOTAL DEATHS, ALL CAUSES	2,725	10.5	2,826	10.0	3,097	10.3	1,574	11.4	1,716	9.7	2,748	10.2
DEATHS UNDER 1 YEAR	30	10.9	35	10.9	23	6.5	12	8.0	17	8.0	26	8.7
DEATHS UNDER 28 DAYS	18	6.5	24	7.5	16	4.5	10	6.7	13	6.2	17	5.7
INTESTINAL INFECTIOUS DISEASES	1	0.4	0	0.0	0	0.0	1	0.7	0	0.0	1	0.4
TUBERCULOSIS	4	1.5	4	1.4	3	1.0	1	0.7	6	3.4	2	0.7
SEPTICEMIA	31	11.9	38	13.5	36	11.9	19	13.8	19	10.8	42	15.7
MALIGNANT NEOPLASMS	559	214.9	639	227.1	759	251.4	302	219.3	379	214.9	564	210.4
--OF DIGESTIVE ORGANS AND PERITONEUM	130	50.0	110	39.1	166	55.0	65	47.2	89	50.5	137	51.1
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	183	70.4	227	80.7	288	95.4	102	74.1	119	67.5	156	58.2
--OF GENITOURINARY ORGANS	76	29.2	94	33.4	88	29.1	47	34.1	55	31.2	74	27.6
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	12	4.6	6	2.1	6	2.0	4	2.9	8	4.5	9	3.4
DIABETES MELLITUS	61	23.5	44	15.6	55	18.2	25	18.2	41	23.2	63	23.5
NUTRITIONAL DEFICIENCIES	4	1.5	9	3.2	3	1.0	6	4.4	4	2.3	5	1.9
ANEMIAS	6	2.3	5	1.8	5	1.7	3	2.2	6	3.4	5	1.9
MAJOR CARDIOVASCULAR DISEASES	1,268	487.5	1,346	478.3	1,394	461.7	743	539.6	806	456.9	1,321	492.7
DISEASES OF THE HEART	1,030	396.0	1,105	392.7	1,167	386.6	612	444.4	626	354.9	1,009	376.4
HYPERTENSION	13	5.0	10	3.6	11	3.6	8	5.8	8	4.5	15	5.6
CEREBROVASCULAR DISEASES	186	71.5	189	67.2	160	53.0	97	70.4	130	73.7	188	70.1
ARTERIOSCLEROSIS	12	4.6	21	7.5	22	7.3	10	7.3	19	10.8	69	25.7
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	27	10.4	21	7.5	34	11.3	16	11.6	23	13.0	40	14.9
PNEUMONIA AND INFLUENZA	109	41.9	91	32.3	100	33.1	58	42.1	59	33.4	91	33.9
PNEUMOMIA	106	40.8	91	32.3	99	32.8	58	42.1	58	32.9	90	33.6
INFLUENZA	3	1.2	0	0.0	1	0.3	0	0.0	1	0.6	1	0.4
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	154	59.2	119	42.3	151	50.0	75	54.5	65	36.8	118	44.0
BRONCHITIS, EMPHYSEMA, AND ASTHMA	31	11.9	40	14.2	35	11.6	21	15.3	12	6.8	19	7.1
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	36	13.8	18	6.4	17	5.6	25	18.2	3	1.7	21	7.8
COAL WORKER'S PNEUMOCONIOSIS	30	11.5	4	1.4	6	2.0	14	10.2	0	0.0	9	3.4
ULCER OF STOMACH AND DUODENUM	8	3.1	7	2.5	4	1.3	7	5.1	4	2.3	5	1.9
HERNIA AND INTESTINAL OBSTRUCTION	3	1.2	6	2.1	7	2.3	3	2.2	6	3.4	6	2.2
CHRONIC LIVER DISEASE AND CIRRHOSIS	28	10.8	22	7.8	26	8.6	8	5.8	14	7.9	16	6.0
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	2	0.8	4	1.4	2	0.7	4	2.9	2	1.1	4	1.5
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	31	11.9	27	9.6	46	15.2	21	15.3	20	11.3	41	15.3
INFECTIONS OF KIDNEY	1	0.4	3	1.1	2	0.7	2	1.5	1	0.6	0	0.0
CONGENITAL ANOMALIES	19	7.3	13	4.6	15	5.0	3	2.2	12	6.8	15	5.6
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	12	4.6	17	6.0	12	4.0	8	5.8	5	2.8	10	3.7
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	8	3.1	8	2.8	4	1.3	3	2.2	0	0.0	3	1.1
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	1	0.4	5	1.8	1	0.3	1	0.7	4	2.3	2	0.7
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	7	2.7	25	8.9	33	10.9	16	11.6	31	17.6	17	6.3
ACCIDENTS, ALL FORMS	120	46.1	136	48.3	137	45.4	83	60.3	68	38.5	106	39.5
MOTOR VEHICLE ACCIDENTS	64	24.6	64	22.7	74	24.5	47	34.1	37	21.0	57	21.3
HOME ACCIDENTS	19	7.3	36	12.8	19	6.3	8	5.8	11	6.2	18	6.7
WORK ACCIDENTS	6	2.3	6	2.1	11	3.6	7	5.1	6	3.4	5	1.9
SUICIDE	42	16.1	27	9.6	18	6.0	18	13.1	19	10.8	34	12.7
HOMICIDE	25	9.6	17	6.0	21	7.0	6	4.4	4	2.3	12	4.5
ALL OTHER CAUSES (RESIDUAL)	182	70.0	203	72.1	245	81.2	133	96.6	134	76.0	240	89.5

WEST VIRGINIA RESIDENT DEATHS 1988
Selected Causes: Number and Rate by Region
Table 35 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER AND RATE BY REGION											
	REGION 7		REGION 8		REGION 9		REGION 10		REGION 11		TOTAL	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	13	9.6	4	4.5	8	5.2	8	5.7	4	7.0	151	6.9
TOTAL DEATHS, ALL CAUSES	1,334	11.4	777	10.7	1,011	10.1	1,265	10.8	707	10.7	19,780	10.6
DEATHS UNDER 1 YEAR	17	12.5	10	11.2	9	5.9	13	9.3	5	8.7	197	9.0
DEATHS UNDER 28 DAYS	9	6.6	5	5.6	4	2.6	8	5.7	4	7.0	128	5.9
INTESTINAL INFECTIOUS DISEASES	0	0.0	0	0.0	0	0.0	1	0.9	0	0.0	4	0.2
TUBERCULOSIS	1	0.9	0	0.0	2	2.0	0	0.0	0	0.0	23	1.2
SEPTICEMIA	17	14.6	5	6.9	12	12.0	16	13.7	13	19.6	248	13.1
MALIGNANT NEOPLASMS	294	251.9	154	212.7	234	234.7	313	267.1	158	238.3	4,355	229.5
--OF DIGESTIVE ORGANS AND PERITONEUM	62	53.1	47	64.9	53	53.2	69	58.9	34	51.3	962	50.7
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	78	66.8	40	55.2	81	81.2	100	85.3	54	81.4	1,428	75.2
--OF GENITOURINARY ORGANS	32	27.4	17	23.5	33	33.1	38	32.4	18	27.1	572	30.1
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	5	4.3	1	1.4	5	5.0	4	3.4	5	7.5	65	3.4
DIABETES MELLITUS	25	21.4	10	13.8	23	23.1	23	19.6	21	31.7	391	20.6
NUTRITIONAL DEFICIENCIES	4	3.4	0	0.0	1	1.0	1	0.9	0	0.0	37	1.9
ANEMIAS	3	2.6	1	1.4	0	0.0	5	4.3	0	0.0	39	2.1
MAJOR CARDIOVASCULAR DISEASES	617	528.7	405	559.4	427	428.3	588	501.7	333	502.3	9,248	487.2
DISEASES OF THE HEART	469	401.9	348	480.7	342	343.0	473	403.6	266	401.2	7,447	392.4
HYPERTENSION	4	3.4	1	1.4	1	1.0	10	8.5	2	3.0	83	4.4
CEREBROVASCULAR DISEASES	117	100.3	35	48.3	66	66.2	77	65.7	50	75.4	1,295	68.2
ARTERIOSCLEROSIS	11	9.4	14	19.3	7	7.0	21	17.9	7	10.6	213	11.2
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	16	13.7	7	9.7	11	11.0	7	6.0	8	12.1	210	11.1
PNEUMONIA AND INFLUENZA	44	37.7	23	31.8	36	36.1	59	50.3	22	33.2	692	36.5
PNEUMOMIA	44	37.7	22	30.4	34	34.1	58	49.5	22	33.2	682	35.9
INFLUENZA	0	0.0	1	1.4	2	2.0	1	0.9	0	0.0	10	0.5
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	62	53.1	25	34.5	43	43.1	61	52.0	41	61.8	914	48.2
BRONCHITIS, EMPHYSEMA, AND ASTHMA	13	11.1	14	19.3	8	8.0	10	8.5	9	13.6	212	11.2
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	3	2.6	7	9.7	2	2.0	3	2.6	2	3.0	137	7.2
COAL WORKER'S PNEUMOCONIOSIS	0	0.0	0	0.0	0	0.0	1	0.9	1	1.5	65	3.4
ULCER OF STOMACH AND DUODENUM	4	3.4	2	2.8	1	1.0	0	0.0	3	4.5	45	2.4
HERNIA AND INTESTINAL OBSTRUCTION	2	1.7	0	0.0	2	2.0	0	0.0	2	3.0	37	1.9
CHRONIC LIVER DISEASE AND CIRRHOSIS	8	6.9	7	9.7	10	10.0	12	10.2	9	13.6	160	8.4
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	2	1.7	1	1.4	2	2.0	4	3.4	4	6.0	31	1.6
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	14	12.0	7	9.7	18	18.1	18	15.4	3	4.5	246	13.0
INFECTIONS OF KIDNEY	2	1.7	0	0.0	0	0.0	1	0.9	0	0.0	12	0.6
CONGENITAL ANOMALIES	4	3.4	3	4.1	5	5.0	6	5.1	3	4.5	98	5.2
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	6	5.1	3	4.1	6	6.0	6	5.1	3	4.5	88	4.6
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	1	0.9	2	2.8	0	0.0	1	0.9	2	3.0	32	1.7
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	2	1.7	1	1.4	0	0.0	3	2.6	1	1.5	21	1.1
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	11	9.4	6	8.3	6	6.0	2	1.7	6	9.0	160	8.4
ACCIDENTS, ALL FORMS	83	71.1	46	63.5	59	59.2	38	32.4	19	28.7	895	47.2
MOTOR VEHICLE ACCIDENTS	48	41.1	36	49.7	34	34.1	22	18.8	12	18.1	495	26.1
HOME ACCIDENTS	13	11.1	1	1.4	16	16.0	6	5.1	4	6.0	151	8.0
WORK ACCIDENTS	10	8.6	2	2.8	4	4.0	0	0.0	1	1.5	58	3.1
SUICIDE	14	12.0	10	13.8	12	12.0	15	12.8	9	13.6	218	11.5
HOMICIDE	6	5.1	4	5.5	6	6.0	5	4.3	2	3.0	108	5.7
ALL OTHER CAUSES (RESIDUAL)	103	88.5	57	78.7	99	99.3	84	71.7	49	73.9	1,529	80.6

WEST VIRGINIA RESIDENT DEATHS 1988
Selected Causes: Number and Rate by County
Table 36

SELECTED CAUSES OF DEATH	NUMBER AND RATE BY COUNTY													
	BARBOUR		BERKELEY		BOONE		BRAXTON		BROOKE		CABELL		CALHOUN	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	2	10.6	1	1.2	2	6.3	1	5.5	2	8.2	6	5.3	1	9.7
TOTAL DEATHS, ALL CAUSES	188	11.9	540	10.1	273	9.3	189	12.9	338	11.8	1,182	11.6	84	9.9
DEATHS UNDER 1 YEAR	0	0.0	6	7.0	0	0.0	3	16.6	4	16.3	13	11.5	0	0.0
DEATHS UNDER 28 DAYS	0	0.0	2	2.3	0	0.0	2	11.0	3	12.2	8	7.1	0	0.0
INTESTINAL INFECTIOUS DISEASES	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
TUBERCULOSIS	0	0.0	1	1.9	0	0.0	0	0.0	0	0.0	1	1.0	1	11.8
SEPTICEMIA	4	25.3	7	13.0	6	20.4	1	6.8	5	17.4	17	16.7	1	11.8
MALIGNANT NEOPLASMS	41	259.5	129	240.2	64	217.7	36	246.6	67	233.4	258	255.4	16	188.2
--OF DIGESTIVE ORGANS AND PERITONEUM	6	38.0	33	61.5	10	34.0	10	68.5	15	52.3	49	48.1	1	11.8
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	16	101.3	43	80.1	29	98.6	9	61.6	18	62.7	88	86.4	8	94.1
--OF GENITOURINARY ORGANS	2	12.7	14	26.1	6	20.4	6	41.1	6	20.9	34	33.4	2	23.5
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	0	0.0	3	5.6	1	3.4	2	13.7	2	7.0	3	2.9	0	0.0
DIABETES MELLITUS	3	19.0	18	33.5	4	13.6	2	13.7	4	13.9	13	12.8	1	11.8
NUTRITIONAL DEFICIENCIES	1	6.3	1	1.9	0	0.0	1	6.8	0	0.0	4	3.9	0	0.0
ANEMIAS	1	6.3	0	0.0	0	0.0	1	6.8	0	0.0	2	2.0	1	11.8
MAJOR CARDIOVASCULAR DISEASES	80	506.3	224	417.1	129	458.8	99	678.1	167	581.9	598	587.4	44	517.6
DISEASES OF THE HEART	67	424.1	187	348.2	107	363.9	69	472.6	130	453.0	475	466.6	36	423.5
HYPERTENSION	0	0.0	0	0.0	1	3.4	1	6.8	1	3.5	3	2.9	0	0.0
CEREBROVASCULAR DISEASES	13	82.3	29	54.0	18	61.2	22	150.7	29	101.0	104	102.2	6	70.6
ARTERIOSCLEROSIS	0	0.0	3	5.6	0	0.0	3	20.5	2	7.0	6	5.9	0	0.0
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	0	0.0	5	9.3	3	10.2	4	27.4	5	17.4	10	9.8	2	23.5
PNEUMONIA AND INFLUENZA	11	69.6	12	22.3	8	27.2	4	27.4	13	45.3	41	40.3	1	11.8
PNEUMOMIA	11	69.6	11	20.5	8	27.2	4	27.4	13	45.3	41	40.3	1	11.8
INFLUENZA	0	0.0	1	1.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	8	50.6	18	33.5	15	51.0	9	61.6	24	83.6	47	46.2	4	47.1
BRONCHITIS, EMPHYSEMA, AND ASTHMA	1	6.3	2	3.7	3	10.2	3	20.5	4	13.9	20	19.6	0	0.0
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	0	0.0	0	0.0	3	10.2	0	0.0	2	7.0	7	6.9	0	0.0
COAL WORKER'S PNEUMOCONIOSIS	0	0.0	0	0.0	3	10.2	0	0.0	1	3.5	1	1.0	0	0.0
ULCER OF STOMACH AND DUODENUM	0	0.0	0	0.0	0	0.0	0	0.0	2	7.0	3	2.9	0	0.0
HERNIA AND INTESTINAL OBSTRUCTION	2	12.7	0	0.0	1	3.4	2	13.7	2	7.0	1	1.0	0	0.0
CHRONIC LIVER DISEASE AND CIRRHOSIS	0	0.0	0	0.0	2	6.8	1	6.8	5	17.4	11	10.8	1	11.8
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	3	19.0	8	14.9										
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	1	6.3	1	1.9	0	0.0	0	0.0	0	0.0	2	2.0	0	0.0
INFECTIONS OF KIDNEY	2	12.7	6	11.2	5	17.0	3	20.5	3	10.5	8	7.9	0	0.0
CONGENITAL ANOMALIES	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	2.0	0	0.0
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	0	0.0	2	3.7	0	0.0	1	6.8	2	7.0	5	4.9	0	0.0
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	0	0.0	4	7.4	0	0.0	0	0.0	3	10.5	6	5.9	0	0.0
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	0	0.0	0	0.0	0	0.0	0	0.0	2	7.0	4	3.9	0	0.0
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	2	12.7	6	11.2	2	6.8	1	6.8	1	3.5	0	0.0	0	0.0
ACCIDENTS, ALL FORMS	11	69.6	36	67.0	19	64.6	7	47.9	3	10.5	12	11.8	3	35.3
MOTOR VEHICLE ACCIDENTS	6	38.0	24	44.7	14	47.6	6	41.1	7	24.4	32	31.4	3	35.3
HOME ACCIDENTS	3	19.0	8	14.9	1	3.4	0	0.0	3	10.5	14	13.8	2	23.5
WORK ACCIDENTS	0	0.0	1	1.9	0	0.0	0	0.0	3	10.5	9	8.8	0	0.0
SUICIDE	0	0.0	9	16.8	0	0.0	1	6.8	1	3.5	1	1.0	0	0.0
HOMICIDE	1	6.3	3	5.6	2	6.8	2	13.7	4	13.9	11	10.8	2	23.5
ALL OTHER CAUSES (RESIDUAL)	17	107.6	52	96.8	12	40.8	15	102.7	23	80.1	92	90.4	6	70.6

WEST VIRGINIA RESIDENT DEATHS 1988
Selected Causes: Number and Rate by County
Table 36 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER AND RATE BY COUNTY													
	CLAY		DODDRIDGE		FAYETTE		GILMER		GRANT		GREENBRIER		HAMPSHIRE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	0	0.0	1	19.6	3	5.6	0	0.0	1	8.5	3	7.5	0	0.0
TOTAL DEATHS, ALL CAUSES	111	9.8	72	9.9	600	11.2	92	11.8	99	9.1	492	13.8	185	11.6
DEATHS UNDER 1 YEAR	1	7.2	1	19.6	8	14.9	2	22.5	1	8.5	2	5.0	1	5.3
DEATHS UNDER 28 DAYS	0	0.0	0	0.0	7	13.1	2	22.5	1	8.5	1	2.5	1	5.3
INTESTINAL INFECTIOUS DISEASES	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
TUBERCULOSIS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	2.8	0	0.0
SEPTICEMIA	0	0.0	2	27.4	6	11.2	1	12.8	1	9.2	7	19.6	1	6.3
MALIGNANT NEOPLASMS	26	230.1	21	287.7	106	198.5	20	256.4	17	156.0	93	260.5	35	220.1
--OF DIGESTIVE ORGANS AND PERITONEUM	8	70.8	3	41.1	24	44.9	4	51.3	5	45.9	17	47.6	9	56.6
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	6	53.1	7	95.9	39	73.0	5	64.1	5	45.9	28	78.4	12	75.5
--OF GENITOURINARY ORGANS	1	8.8	4	54.8	14	26.2	4	51.3	2	18.3	16	44.8	2	12.6
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	0	0.0	0	0.0	2	3.7	0	0.0	0	0.0	0	0.0	0	0.0
DIABETES MELLITUS	1	8.8	3	41.1	8	15.0	1	12.8	1	9.2	6	16.8	2	12.6
NUTRITIONAL DEFICIENCIES	0	0.0	0	0.0	2	3.7	0	0.0	0	0.0	2	5.6	0	0.0
ANEMIAS	1	8.8	0	0.0	1	1.9	0	0.0	0	0.0	2	5.6	0	0.0
MAJOR CARDIOVASCULAR DISEASES	52	460.2	24	328.8	293	548.7	40	512.8	50	458.7	226	633.1	96	603.8
DISEASES OF THE HEART	47	415.9	16	219.2	252	471.9	32	410.3	42	385.3	178	498.6	86	540.9
HYPERTENSION	0	0.0	1	13.7	5	9.4	0	0.0	0	0.0	1	2.8	0	0.0
CEREBROVASCULAR DISEASES	3	26.5	5	68.5	30	56.2	7	89.7	6	55.0	37	103.6	8	50.3
ARTERIOSCLEROSIS	2	17.7	1	13.7	1	1.9	1	12.8	0	0.0	6	16.8	2	12.6
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	0	0.0	1	13.7	5	9.4	0	0.0	2	18.3	4	11.2	0	0.0
PNEUMONIA AND INFLUENZA	6	53.1	2	27.4	25	46.8	4	51.3	2	18.3	20	56.0	6	37.7
PNEUMONIA	5	44.2	2	27.4	25	46.8	4	51.3	2	18.3	20	56.0	6	37.7
INFLUENZA	1	8.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	2	17.7	4	54.8	23	43.1	3	38.5	4	36.7	24	67.2	4	25.2
BRONCHITIS, EMPHYSEMA, AND ASTHMA	1	8.8	1	13.7	6	11.2	0	0.0	1	9.2	7	19.6	3	18.9
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	0	0.0	0	0.0	10	18.7	0	0.0	1	9.2	7	19.6	2	12.6
COAL WORKER'S PNEUMOCONIOSIS	0	0.0	0	0.0	9	16.9	0	0.0	0	0.0	3	8.4	0	0.0
ULCER OF STOMACH AND DUODENUM	0	0.0	0	0.0	2	3.7	0	0.0	0	0.0	2	5.6	0	0.0
HERNIA AND INTESTINAL OBSTRUCTION	0	0.0	0	0.0	2	3.7	0	0.0	0	0.0	1	2.8	0	0.0
CHRONIC LIVER DISEASE AND CIRRHOSIS	1	8.8	0	0.0	2	3.7	0	0.0	3	27.5	4	11.2	1	6.3
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	0	0.0	0	0.0	3	5.6	0	0.0	0	0.0	1	2.8	0	0.0
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	2	17.7	0	0.0	11	20.6	3	38.5	2	18.3	5	14.0	1	6.3
INFECTIONS OF KIDNEY	0	0.0	0	0.0	2	3.7	1	12.8	0	0.0	0	0.0	0	0.0
CONGENITAL ANOMALIES	0	0.0	0	0.0	1	1.9	1	12.8	0	0.0	1	2.8	1	6.3
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	0	0.0	0	0.0	5	9.4	1	12.8	1	9.2	1	2.8	0	0.0
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	0	0.0	0	0.0	2	3.7	0	0.0	1	9.2	0	0.0	0	0.0
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	0	0.0	0	0.0	1	1.9	0	0.0	0	0.0	0	0.0	0	0.0
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	5	44.2	2	27.4	1	1.9	1	12.8	0	0.0	12	33.6	1	6.3
ACCIDENTS, ALL FORMS	6	53.1	4	54.8	25	46.8	10	128.2	7	64.2	28	78.4	15	94.3
MOTOR VEHICLE ACCIDENTS	3	26.5	3	41.1	15	28.1	8	102.6	6	55.0	12	33.6	11	69.2
HOME ACCIDENTS	1	8.8	0	0.0	2	3.7	0	0.0	0	0.0	5	14.0	1	6.3
WORK ACCIDENTS	0	0.0	1	13.7	3	5.6	1	12.8	0	0.0	3	8.4	0	0.0
SUICIDE	0	0.0	0	0.0	9	16.9	0	0.0	2	18.3	3	8.4	1	6.3
HOMICIDE	1	8.8	0	0.0	6	11.2	0	0.0	1	9.2	0	0.0	2	12.6
ALL OTHER CAUSES (RESIDUAL)	8	70.8	10	137.0	55	103.0	6	76.9	7	64.2	46	128.9	17	106.9

WEST VIRGINIA RESIDENT DEATHS 1988
Selected Causes: Number and Rate by County
Table 36 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER AND RATE BY COUNTY													
	HANCOCK		HARDY		HARRISON		JACKSON		JEFFERSON		KANAWHA		LEWIS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	2	6.1	0	0.0	8	9.7	0	0.0	6	11.3	20	7.8	2	9.7
TOTAL DEATHS, ALL CAUSES	369	9.8	101	9.6	875	11.7	277	10.8	322	9.4	2,399	10.9	205	11.3
DEATHS UNDER 1 YEAR	1	3.0	2	13.5	7	8.5	4	12.6	3	5.7	18	7.0	2	9.7
DEATHS UNDER 28 DAYS	1	3.0	1	6.8	6	7.3	3	9.4	2	3.8	13	5.1	1	4.8
INTESTINAL INFECTIOUS DISEASES	0	0.0	0	0.0	1	1.3	0	0.0	0	0.0	0	0.0	0	0.0
TUBERCULOSIS	0	0.0	0	0.0	1	1.3	0	0.0	1	2.9	3	1.4	0	0.0
SEPTICEMIA	8	21.3	1	9.5	14	18.7	1	3.9	4	11.6	27	12.3	3	16.5
MALIGNANT NEOPLASMS	91	242.0	18	171.4	163	217.9	62	241.2	62	180.2	592	269.2	48	263.7
--OF DIGESTIVE ORGANS AND PERITONEUM	19	50.5	6	57.1	41	54.8	11	42.8	14	40.7	132	60.0	14	76.9
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	36	95.7	3	28.6	55	73.5	22	85.6	24	69.8	229	104.1	8	44.0
--OF GENITOURINARY ORGANS	12	31.9	3	28.6	17	22.7	11	42.8	8	23.3	70	31.8	3	16.5
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	3	8.0	1	9.5	0	0.0	3	11.7	1	2.9	4	1.8	2	11.0
DIABETES MELLITUS	17	45.2	1	9.5	15	20.1	9	35.0	4	11.6	46	20.9	1	5.5
NUTRITIONAL DEFICIENCIES	0	0.0	0	0.0	1	1.3	0	0.0	0	0.0	3	1.4	0	0.0
ANEMIAS	0	0.0	0	0.0	1	1.3	1	3.9	0	0.0	3	1.4	0	0.0
MAJOR CARDIOVASCULAR DISEASES	166	441.5	52	495.2	437	584.2	127	494.2	150	436.0	1,075	488.9	102	560.4
DISEASES OF THE HEART	136	361.7	40	381.0	336	449.2	102	396.9	115	334.3	895	407.0	81	445.1
HYPERTENSION	1	2.7	0	0.0	4	5.3	0	0.0	1	2.9	8	3.6	1	5.5
CEREBROVASCULAR DISEASES	21	55.9	10	95.2	70	93.6	19	73.9	27	78.5	125	56.8	17	93.4
ARTERIOSCLEROSIS	5	13.3	0	0.0	17	22.7	3	11.7	4	11.6	20	9.1	1	5.5
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	3	8.0	2	19.0	10	13.4	3	11.7	3	8.7	27	12.3	2	11.0
PNEUMONIA AND INFLUENZA	9	23.9	5	47.6	26	34.8	8	31.1	17	49.4	72	32.7	5	27.5
PNEUMOMIA	9	23.9	5	47.6	26	34.8	8	31.1	17	49.4	72	32.7	5	27.5
INFLUENZA	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	17	45.2	1	9.5	49	65.5	6	23.3	15	43.6	118	53.7	6	33.0
BRONCHITIS, EMPHYSEMA, AND ASTHMA	5	13.3	1	9.5	11	14.7	1	3.9	3	8.7	30	13.6	2	11.0
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	0	0.0	1	9.5	2	2.7	2	7.8	1	2.9	12	5.5	1	5.5
COAL WORKER'S PNEUMOCONIOSIS	0	0.0	0	0.0	1	1.3	0	0.0	0	0.0	3	1.4	0	0.0
ULCER OF STOMACH AND DUODENUM	1	2.7	2	19.0	0	0.0	1	3.9	1	2.9	4	1.8	1	5.5
HERNIA AND INTESTINAL OBSTRUCTION	0	0.0	0	0.0	1	1.3	1	3.9	2	5.8	5	2.3	0	0.0
CHRONIC LIVER DISEASE AND CIRRHOSIS	4	10.6	1	9.5	7	9.4	1	3.9	2	5.8	23	10.5	2	11.0
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	4	10.6	0	0.0	2	2.7	1	3.9	1	2.9	2	0.9	0	0.0
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	0	0.0	1	9.5	15	20.1	4	15.6	9	26.2	35	15.9	2	11.0
INFECTIONS OF KIDNEY	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.5	0	0.0
CONGENITAL ANOMALIES	1	2.7	1	9.5	4	5.3	3	11.7	2	5.8	13	5.9	2	11.0
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	0	0.0	0	0.0	2	2.7	0	0.0	2	5.8	10	4.5	1	5.5
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	0	0.0	0	0.0	2	2.7	0	0.0	0	0.0	2	0.9	0	0.0
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.5	0	0.0
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	3	8.0	3	28.6	4	5.3	0	0.0	0	0.0	22	10.0	0	0.0
ACCIDENTS, ALL FORMS	12	31.9	7	66.7	33	44.1	15	58.4	11	32.0	89	40.5	8	44.0
MOTOR VEHICLE ACCIDENTS	9	23.9	5	47.6	14	18.7	9	35.0	4	11.6	49	22.3	5	27.5
HOME ACCIDENTS	1	2.7	0	0.0	7	9.4	1	3.9	5	14.5	12	5.5	0	0.0
WORK ACCIDENTS	0	0.0	0	0.0	3	4.0	2	7.8	2	5.8	9	4.1	2	11.0
SUICIDE	5	13.3	1	9.5	13	17.4	4	15.6	1	2.9	17	7.7	6	33.0
HOMICIDE	2	5.3	0	0.0	3	4.0	2	7.8	3	8.7	18	8.2	1	5.5
ALL OTHER CAUSES (RESIDUAL)	26	69.1	5	47.6	81	108.3	26	101.2	33	95.9	205	93.2	14	76.9

WEST VIRGINIA RESIDENT DEATHS 1988
Selected Causes: Number and Rate by County
Table 36 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER AND RATE BY COUNTY													
	LINCOLN		LOGAN		MCDOWELL		MARION		MARSHALL		MASON		MERCER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	1	5.6	6	11.3	10	19.1	5	4.6	5	6.4	3	9.6	5	6.6
TOTAL DEATHS, ALL CAUSES	208	8.8	410	8.4	495	11.4	721	11.4	371	9.5	315	12.1	764	10.7
DEATHS UNDER 1 YEAR	6	21.7	2	3.8	11	21.0	7	10.7	2	4.3	2	6.4	8	10.6
DEATHS UNDER 28 DAYS	5	18.1	2	3.8	6	11.5	3	4.6	2	4.3	2	6.4	4	5.3
INTESTINAL INFECTIOUS DISEASES	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	1.4
TUBERCULOSIS	0	0.0	1	2.0	1	2.3	0	0.0	0	0.0	1	3.8	0	0.0
SEPTICEMIA	4	16.9	6	12.2	10	23.1	8	12.6	4	10.2	0	0.0	6	8.4
MALIGNANT NEOPLASMS	58	244.7	101	205.7	97	224.0	156	246.4	92	235.3	62	237.5	160	223.2
--OF DIGESTIVE ORGANS AND PERITONEUM	12	50.6	15	30.5	26	60.0	37	58.5	18	46.0	9	34.5	36	50.2
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	24	101.3	43	87.6	26	60.0	44	69.5	28	71.6	20	76.6	49	68.3
--OF GENITOURINARY ORGANS	11	46.4	17	34.6	11	25.4	22	34.8	17	43.5	11	42.1	22	30.7
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	0	0.0	2	4.1	1	2.3	3	4.7	0	0.0	0	0.0	5	7.0
DIABETES MELLITUS	3	12.7	10	20.4	13	30.0	16	25.3	11	28.1	9	34.5	21	29.3
NUTRITIONAL DEFICIENCIES	0	0.0	2	4.1	0	0.0	2	3.2	1	2.6	1	3.8	1	1.4
ANEMIAS	0	0.0	1	2.0	1	2.3	0	0.0	2	5.1	0	0.0	3	4.2
MAJOR CARDIOVASCULAR DISEASES	91	384.0	174	354.4	221	510.4	350	552.9	162	414.3	166	636.0	362	504.9
DISEASES OF THE HEART	75	316.5	152	309.6	181	418.0	299	472.4	135	345.3	131	501.9	298	415.6
HYPERTENSION	1	4.2	2	4.1	2	4.6	3	4.7	5	12.8	4	15.3	5	7.0
CEREBROVASCULAR DISEASES	12	50.6	15	30.5	27	62.4	40	63.2	15	38.4	23	88.1	48	66.9
ARTERIOSCLEROSIS	0	0.0	3	6.1	6	13.9	3	4.7	4	10.2	6	23.0	0	0.0
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	3	12.7	2	4.1	5	11.5	5	7.9	3	7.7	2	7.7	11	15.3
PNEUMONIA AND INFLUENZA	8	33.8	18	36.7	10	23.1	26	41.1	20	51.2	11	42.1	33	46.0
PNEUMONIA	8	33.8	18	36.7	10	23.1	25	39.5	20	51.2	11	42.1	33	46.0
INFLUENZA	0	0.0	0	0.0	0	0.0	1	1.6	0	0.0	0	0.0	0	0.0
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	8	33.8	15	30.5	31	71.6	29	45.8	22	56.3	9	34.5	44	61.4
BRONCHITIS, EMPHYSEMA, AND ASTHMA	2	8.4	1	2.0	6	13.9	2	3.2	2	5.1	0	0.0	7	9.8
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	0	0.0	4	8.1	7	16.2	10	15.8	1	2.6	1	3.8	4	5.6
COAL WORKER'S PNEUMOCONIOSIS	0	0.0	2	4.1	7	16.2	2	3.2	1	2.6	0	0.0	1	1.4
ULCER OF STOMACH AND DUODENUM	0	0.0	2	4.1	1	2.3	2	3.2	0	0.0	0	0.0	1	1.4
HERNIA AND INTESTINAL OBSTRUCTION	0	0.0	2	4.1	2	4.6	1	1.6	0	0.0	3	11.5	1	1.4
CHRONIC LIVER DISEASE AND CIRRHOSIS	2	8.4	4	8.1	4	9.2	3	4.7	2	5.1	1	3.8	9	12.6
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	0	0.0	1	2.0	0	0.0	0	0.0	1	2.6	0	0.0	1	1.4
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	2	8.4	6	12.2	10	23.1	11	17.4	10	25.6	6	23.0	10	13.9
INFECTIONS OF KIDNEY	0	0.0	0	0.0	0	0.0	0	0.0	1	2.6	0	0.0	0	0.0
CONGENITAL ANOMALIES	2	8.4	2	4.1	7	16.2	2	3.2	0	0.0	2	7.7	5	7.0
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	3	12.7	1	2.0	4	9.2	3	4.7	2	5.1	0	0.0	3	4.2
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	1	4.2	0	0.0	3	6.9	0	0.0	1	2.6	0	0.0	0	0.0
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	0	0.0	1	2.0	1	2.3	1	1.6	1	2.6	0	0.0	0	0.0
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	3	12.7	0	0.0	3	6.9	2	3.2	0	0.0	2	7.7	3	4.2
ACCIDENTS, ALL FORMS	7	29.5	23	46.8	29	67.0	22	34.8	6	15.3	13	49.8	31	43.2
MOTOR VEHICLE ACCIDENTS	4	16.9	10	20.4	11	25.4	10	15.8	4	10.2	5	19.2	16	22.3
HOME ACCIDENTS	1	4.2	7	14.3	7	16.2	7	11.1	1	2.6	3	11.5	5	7.0
WORK ACCIDENTS	0	0.0	1	2.0	3	6.9	0	0.0	0	0.0	1	3.8	0	0.0
SUICIDE	1	4.2	4	8.1	10	23.1	12	19.0	6	15.3	2	7.7	8	11.2
HOMICIDE	1	4.2	3	6.1	3	6.9	7	11.1	1	2.6	3	11.5	8	11.2
ALL OTHER CAUSES (RESIDUAL)	15	63.3	28	57.0	30	69.3	56	88.5	27	69.1	23	88.1	44	61.4

WEST VIRGINIA RESIDENT DEATHS 1988
Selected Causes: Number and Rate by County
Table 36 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER AND RATE BY COUNTY													
	MINERAL		MINGO		MONONGALIA		MONROE		MORGAN		NICHOLAS		OHIO	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	1	3.1	8	17.1	5	5.8	0	0.0	1	6.9	1	3.1	2	3.0
TOTAL DEATHS, ALL CAUSES	314	11.5	334	9.2	592	7.8	152	12.0	149	12.8	234	8.4	672	11.8
DEATHS UNDER 1 YEAR	5	15.4	4	8.6	4	4.6	0	0.0	0	0.0	1	3.1	8	11.8
DEATHS UNDER 28 DAYS	2	6.2	1	2.1	3	3.5	0	0.0	0	0.0	1	3.1	5	7.4
INTESTINAL INFECTIOUS DISEASES	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	1.8
TUBERCULOSIS	0	0.0	1	2.8	1	1.3	0	0.0	0	0.0	0	0.0	0	0.0
SEPTICEMIA	1	3.7	4	11.0	14	18.3	1	7.9	1	8.6	0	0.0	9	15.8
MALIGNANT NEOPLASMS	72	264.7	73	201.1	125	163.8	31	244.1	43	370.7	50	179.2	177	310.0
--OF DIGESTIVE ORGANS AND PERITONEUM	23	84.6	10	27.5	30	39.3	10	78.7	6	51.7	13	46.6	42	73.6
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	16	58.8	30	82.6	27	35.4	8	63.0	14	120.7	13	46.6	54	94.6
--OF GENITOURINARY ORGANS	9	33.1	7	19.3	16	21.0	5	39.4	11	94.8	9	32.3	18	31.5
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	0	0.0	0	0.0	5	6.6	0	0.0	1	8.6	1	3.6	3	5.3
DIABETES MELLITUS	4	14.7	4	11.0	15	19.7	1	7.9	1	8.6	5	17.9	9	15.8
NUTRITIONAL DEFICIENCIES	0	0.0	2	5.5	1	1.3	1	7.9	0	0.0	0	0.0	0	0.0
ANEMIAS	0	0.0	2	5.5	2	2.6	0	0.0	0	0.0	0	0.0	3	5.3
MAJOR CARDIOVASCULAR DISEASES	170	625.0	145	399.4	284	372.2	75	590.6	53	456.9	115	412.2	316	553.4
DISEASES OF THE HEART	148	544.1	130	358.1	183	239.8	59	464.6	40	344.8	96	344.1	253	443.1
HYPERTENSION	1	3.7	0	0.0	4	5.2	0	0.0	0	0.0	1	3.6	5	8.8
CEREBROVASCULAR DISEASES	9	33.1	12	33.1	48	62.9	13	102.4	10	86.2	14	50.2	39	68.3
ARTERIOSCLEROSIS	9	33.1	2	5.5	38	49.8	1	7.9	0	0.0	1	3.6	15	26.3
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	3	11.0	1	2.8	11	14.4	2	15.7	3	25.9	3	10.8	4	7.0
PNEUMONIA AND INFLUENZA	5	18.4	5	13.8	14	18.3	3	23.6	7	60.3	4	14.3	27	47.3
PNEUMONMIA	5	18.4	5	13.8	14	18.3	2	15.7	6	51.7	4	14.3	27	47.3
INFLUENZA	0	0.0	0	0.0	0	0.0	1	7.9	1	8.6	0	0.0	0	0.0
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	12	44.1	25	68.9	15	19.7	6	47.2	10	86.2	9	32.3	29	50.8
BRONCHITIS, EMPHYSEMA, AND ASTHMA	7	25.7	9	24.8	4	5.2	0	0.0	3	25.9	3	10.8	7	12.3
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	2	7.4	3	8.3	2	2.6	2	15.7	1	8.6	4	14.3	2	3.5
COAL WORKER'S PNEUMOCONIOSIS	0	0.0	1	2.8	0	0.0	0	0.0	0	0.0	2	7.2	0	0.0
ULCER OF STOMACH AND DUODENUM	0	0.0	0	0.0	1	1.3	2	15.7	0	0.0	1	3.6	0	0.0
HERNIA AND INTESTINAL OBSTRUCTION	0	0.0	0	0.0	3	3.9	0	0.0	0	0.0	0	0.0	0	0.0
CHRONIC LIVER DISEASE AND CIRRHOSIS	2	7.4	4	11.0	1	1.3	1	7.9	0	0.0	2	7.2	9	15.8
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	1	3.7	0	0.0	1	1.3	0	0.0	0	0.0	0	0.0	2	3.5
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	2	7.4	4	11.0	9	11.8	2	15.7	3	25.9	4	14.3	5	8.8
INFECTIONS OF KIDNEY	0	0.0	1	2.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
CONGENITAL ANOMALIES	1	3.7	1	2.8	5	6.6	0	0.0	1	8.6	0	0.0	5	8.8
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	2	7.4	1	2.8	2	2.6	0	0.0	0	0.0	1	3.6	4	7.0
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	1	3.7	1	2.8	1	1.3	0	0.0	0	0.0	0	0.0	0	0.0
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	1	3.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	3.5
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	1	3.7	3	8.3	6	7.9	0	0.0	0	0.0	2	7.2	2	3.5
ACCIDENTS, ALL FORMS	15	55.1	34	93.7	23	30.1	8	63.0	12	103.4	18	64.5	21	36.8
MOTOR VEHICLE ACCIDENTS	12	44.1	16	44.1	14	18.3	7	55.1	6	51.7	12	43.0	11	19.3
HOME ACCIDENTS	0	0.0	12	33.1	2	2.6	0	0.0	3	25.9	1	3.6	4	7.0
WORK ACCIDENTS	2	7.4	2	5.5	0	0.0	0	0.0	1	8.6	0	0.0	0	0.0
SUICIDE	2	7.4	3	8.3	6	7.9	2	15.7	2	17.2	2	7.2	6	10.5
HOMICIDE	1	3.7	3	8.3	1	1.3	2	15.7	0	0.0	0	0.0	1	1.8
ALL OTHER CAUSES (RESIDUAL)	21	77.2	16	44.1	56	73.4	15	118.1	14	120.7	16	57.3	41	71.8

WEST VIRGINIA RESIDENT DEATHS 1988
Selected Causes: Number and Rate by County
Table 36 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER AND RATE BY COUNTY													
	PENDLETON		PLEASANTS		POCAHONTAS		PRESTON		PUTNAM		RALEIGH		RANDOLPH	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	2	17.5	0	0.0	3	28.6	1	2.6	2	3.9	8	9.4	4	11.7
TOTAL DEATHS, ALL CAUSES	78	9.9	68	8.8	117	12.7	305	10.0	314	7.6	868	10.4	311	11.0
DEATHS UNDER 1 YEAR	1	8.8	1	11.0	1	9.5	7	18.2	4	7.8	7	8.2	8	23.3
DEATHS UNDER 28 DAYS	0	0.0	1	11.0	1	9.5	5	13.0	3	5.8	6	7.0	4	11.7
INTESTINAL INFECTIOUS DISEASES	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
TUBERCULOSIS	0	0.0	1	13.0	0	0.0	0	0.0	0	0.0	3	3.6	0	0.0
SEPTICEMIA	1	12.7	1	13.0	2	21.7	1	3.3	3	7.3	9	10.8	2	7.0
MALIGNANT NEOPLASMS	12	151.9	16	207.8	28	304.3	61	200.0	77	186.4	167	200.7	77	271.1
--OF DIGESTIVE ORGANS AND PERITONEUM	4	50.6	6	77.9	5	54.3	13	42.6	16	38.7	38	45.7	13	45.8
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	4	50.6	2	26.0	12	130.4	14	45.9	24	58.1	60	72.1	21	73.9
--OF GENITOURINARY ORGANS	1	12.7	2	26.0	5	54.3	9	29.5	11	26.6	23	27.6	11	38.7
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	0	0.0	0	0.0	1	10.9	1	3.3	1	2.4	5	6.0	0	0.0
DIABETES MELLITUS	2	25.3	2	26.0	5	54.3	9	29.5	4	9.7	19	22.8	11	38.7
NUTRITIONAL DEFICIENCIES	0	0.0	0	0.0	1	10.9	0	0.0	0	0.0	0	0.0	0	0.0
ANEMIAS	1	12.7	0	0.0	0	0.0	1	3.3	1	2.4	1	1.2	0	0.0
MAJOR CARDIOVASCULAR DISEASES	37	468.4	27	350.6	43	467.4	135	442.6	138	334.1	413	496.4	134	471.8
DISEASES OF THE HEART	32	405.1	23	298.7	31	337.0	104	341.0	118	285.7	332	399.0	98	345.1
HYPERTENSION	0	0.0	1	13.0	1	10.9	2	6.6	2	4.8	4	4.8	0	0.0
CEREBROVASCULAR DISEASES	2	25.3	3	39.0	6	65.2	16	52.5	14	33.9	69	82.9	28	98.6
ARTERIOSCLEROSIS	3	38.0	0	0.0	1	10.9	3	9.8	0	0.0	1	1.2	2	7.0
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	0	0.0	0	0.0	4	43.5	10	32.8	4	9.7	7	8.4	6	21.1
PNEUMONIA AND INFLUENZA	5	63.3	4	51.9	7	76.1	13	42.6	14	33.9	47	56.5	8	28.2
PNEUMONIA	4	50.6	4	51.9	7	76.1	13	42.6	14	33.9	45	54.1	8	28.2
INFLUENZA	1	12.7	0	0.0	0	0.0	0	0.0	0	0.0	2	2.4	0	0.0
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	4	50.6	4	51.9	8	87.0	14	45.9	16	38.7	49	58.9	21	73.9
BRONCHITIS, EMPHYSEMA, AND ASTHMA	2	25.3	1	13.0	1	10.9	1	3.3	1	2.4	16	19.2	5	17.6
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	1	12.7	1	13.0	3	32.6	7	23.0	2	4.8	17	20.4	0	0.0
COAL WORKER'S PNEUMOCONIOSIS	0	0.0	0	0.0	0	0.0	6	19.7	0	0.0	17	20.4	0	0.0
ULCER OF STOMACH AND DUODENUM	0	0.0	1	13.0	1	10.9	1	3.3	0	0.0	3	3.6	1	3.5
HERNIA AND INTESTINAL OBSTRUCTION	0	0.0	0	0.0	0	0.0	0	0.0	1	2.4	0	0.0	0	0.0
CHRONIC LIVER DISEASE AND CIRRHOSIS	0	0.0	0	0.0	0	0.0	4	13.1	0	0.0	9	10.8	1	3.5
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	1	12.7	1	13.0	1	10.9	3	9.8	4	9.7	7	8.4	3	10.6
INFECTIONS OF KIDNEY	0	0.0	0	0.0	0	0.0	0	0.0	1	2.4	0	0.0	1	3.5
CONGENITAL ANOMALIES	0	0.0	1	13.0	1	10.9	2	6.6	2	4.8	5	6.0	0	0.0
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	0	0.0	0	0.0	1	10.9	3	9.8	2	4.8	4	4.8	3	10.6
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	0	0.0	0	0.0	1	10.9	0	0.0	2	4.8	4	4.8	1	3.5
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	0	0.0	0	0.0	0	0.0	1	3.3	0	0.0	0	0.0	2	7.0
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	1	12.7	0	0.0	0	0.0	2	6.6	4	9.7	1	1.2	4	14.1
ACCIDENTS, ALL FORMS	2	25.3	2	26.0	6	65.2	19	62.3	23	55.7	27	32.5	14	49.3
MOTOR VEHICLE ACCIDENTS	2	25.3	0	0.0	4	43.5	12	39.3	8	19.4	17	20.4	5	17.6
HOME ACCIDENTS	0	0.0	2	26.0	0	0.0	1	3.3	5	12.1	3	3.6	6	21.1
WORK ACCIDENTS	0	0.0	0	0.0	1	10.9	1	3.3	2	4.8	2	2.4	1	3.5
SUICIDE	4	50.6	1	13.0	2	21.7	1	3.3	1	2.4	11	13.2	5	17.6
HOMICIDE	0	0.0	0	0.0	0	0.0	1	3.3	0	0.0	8	9.6	2	7.0
ALL OTHER CAUSES (RESIDUAL)	7	88.6	6	77.9	7	76.1	27	88.5	20	48.4	63	75.7	24	84.5

WEST VIRGINIA RESIDENT DEATHS 1988
Selected Causes: Number and Rate by County
Table 36 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER AND RATE BY COUNTY													
	RITCHIE		ROANE		SUMMERS		TAYLOR		TUCKER		TYLER		UPSHUR	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	1	9.1	2	10.6	0	0.0	2	9.8	1	13.9	1	9.8	3	10.8
TOTAL DEATHS, ALL CAUSES	129	11.5	152	9.9	157	10.1	183	11.5	109	11.3	117	10.8	240	10.1
DEATHS UNDER 1 YEAR	0	0.0	2	10.6	1	7.7	0	0.0	2	27.8	1	9.8	0	0.0
DEATHS UNDER 28 DAYS	0	0.0	2	10.6	1	7.7	0	0.0	0	0.0	1	9.8	0	0.0
INTESTINAL INFECTIOUS DISEASES	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
TUBERCULOSIS	0	0.0	3	19.5	0	0.0	0	0.0	0	0.0	0	0.0	1	4.2
SEPTICEMIA	4	35.7	2	13.0	1	6.4	3	18.9	3	36.6	1	9.3	3	12.7
MALIGNANT NEOPLASMS	23	205.4	32	207.8	42	269.2	38	239.0	21	256.1	19	175.9	51	215.2
--OF DIGESTIVE ORGANS AND PERITONEUM	6	53.6	8	51.9	7	44.9	13	81.8	5	61.0	9	83.3	10	42.2
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	6	53.6	14	90.9	14	89.7	9	56.6	2	24.4	4	37.0	17	71.7
--OF GENITOURINARY ORGANS	4	35.7	2	13.0	5	32.1	6	37.7	3	36.6	0	0.0	3	12.7
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE														
DIABETES MELLITUS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	4.2
NUTRITIONAL DEFICIENCIES	3	26.8	3	19.5	2	12.8	5	31.4	5	61.0	2	18.5	2	8.4
ANEMIAS	0	0.0	1	6.5	0	0.0	1	6.3	1	12.2	0	0.0	1	4.2
MAJOR CARDIOVASCULAR DISEASES	2	17.9	0	0.0	0	0.0	1	6.3	0	0.0	1	9.3	1	4.2
-DISEASES OF THE HEART	55	491.1	76	493.5	73	467.9	91	572.3	47	573.2	55	509.3	115	485.2
HYPERTENSION	46	410.7	48	311.7	58	371.8	71	446.5	36	439.0	42	388.9	86	362.9
CEREBROVASCULAR DISEASES	0	0.0	0	0.0	2	12.8	1	6.3	1	12.2	0	0.0	1	4.2
ARTERIOSCLEROSIS	6	53.6	23	149.4	10	64.1	9	56.6	8	97.6	9	83.3	22	92.8
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	3	26.8	0	0.0	2	12.8	7	44.0	0	0.0	0	0.0	4	16.9
PNEUMONIA AND INFLUENZA	0	0.0	5	32.5	1	6.4	3	18.9	2	24.4	4	37.0	2	8.4
PNEUMOMIA	8	71.4	3	19.5	6	38.5	10	62.9	5	61.0	10	92.6	7	29.5
INFLUENZA	8	71.4	3	19.5	6	38.5	10	62.9	5	61.0	10	92.6	7	29.5
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
BRONCHITIS, EMPHYSEMA, AND ASTHMA	8	71.4	8	51.9	13	83.3	7	44.0	5	61.0	6	55.6	10	42.2
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	3	26.8	1	6.5	2	12.8	0	0.0	1	12.2	3	27.8	1	4.2
COAL WORKER'S PNEUMOCONIOSIS	0	0.0	0	0.0	1	6.4	0	0.0	1	12.2	0	0.0	1	4.2
ULCER OF STOMACH AND DUODENUM	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
HERNIA AND INTESTINAL OBSTRUCTION	0	0.0	0	0.0	0	0.0	1	6.3	0	0.0	0	0.0	0	0.0
CHRONIC LIVER DISEASE AND CIRRHOSIS	1	8.9	1	6.5	0	0.0	1	6.3	0	0.0	1	9.3	0	0.9
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	1	8.9	0	0.0	0	0.0	1	6.3	0	0.0	0	0.0	1	4.2
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	0	0.0	0	0.0	0	0.0	1	6.3	1	12.2	0	0.0	0	0.0
INFECTIONS OF KIDNEY	2	17.9	2	13.0	0	0.0	3	18.9	0	0.0	2	18.5	1	4.2
CONGENITAL ANOMALIES	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	0	0.0	2	13.0	0	0.0	2	12.6	0	0.0	2	18.5	0	0.0
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	0	0.0	0	0.0	1	6.4	0	0.0	0	0.0	0	0.0	0	0.0
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	0	0.0	0	0.0	1	6.4	0	0.0	0	0.0	0	0.0	0	0.0
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	2	17.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
ACCIDENTS, ALL FORMS	10	89.3	9	58.4	9	57.7	5	31.4	1	12.2	1	9.3	2	8.4
MOTOR VEHICLE ACCIDENTS	4	35.7	6	39.0	5	32.1	4	25.2	14	170.7	4	37.0	19	80.2
HOME ACCIDENTS	3	26.8	1	6.5	1	6.4	1	6.3	6	73.2	1	9.3	12	50.6
WORK ACCIDENTS	1	8.9	2	13.0	0	0.0	0	0.0	3	36.6	2	18.5	1	4.2
SUICIDE	1	8.9	3	19.5	2	12.8	2	12.6	0	0.0	2	18.5	2	8.4
HOMICIDE	1	8.9	0	0.0	1	6.4	0	0.0	0	0.0	0	0.0	0	0.0
ALL OTHER CAUSES (RESIDUAL)	8	71.4	7	45.5	6	38.5	10	62.9	5	61.0	11	101.9	22	92.8

WEST VIRGINIA RESIDENT DEATHS 1988
Selected Causes: Number and Rate by County
Table 36 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER AND RATE BY COUNTY													
	WAYNE		WEBSTER		WETZEL		WIRT		WOOD		WYOMING		TOTAL	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	0	0.0	2	15.9	3	11.7	0	0.0	2	1.8	4	11.8	151	6.9
TOTAL DEATHS, ALL CAUSES	577	8.5	131	11.4	222	10.6	55	10.6	834	9.1	289	8.6	19,780	10.4
DEATHS UNDER 1 YEAR	8	16.1	0	0.0	3	11.7	1	15.7	8	7.1	3	8.8	197	9.0
DEATHS UNDER 28 DAYS	6	12.1	0	0.0	1	5.9	0	0.0	6	5.3	1	2.9	128	5.9
INTESTINAL INFECTIOUS DISEASES	0	0.0	1	8.7	0	0.0	0	0.0	0	0.0	0	0.0	4	0.2
TUBERCULOSIS	0	0.0	0	0.0	0	0.0	0	0.0	1	1.1	0	0.0	23	1.2
SEPTICEMIA	7	15.8	4	34.8	3	14.3	2	38.5	7	7.6	4	11.9	248	13.1
MALIGNANT NEOPLASMS	87	195.9	25	217.4	44	209.5	12	230.8	199	216.5	62	184.5	4,355	229.5
--OF DIGESTIVE ORGANS AND PERITONEUM	15	33.8	6	52.2	9	42.9	4	76.9	44	47.9	13	38.7	962	50.7
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	22	49.5	10	87.0	18	85.7	4	76.9	59	64.2	26	77.4	1,428	75.2
--OF GENITOURINARY ORGANS	14	31.5	3	26.1	3	14.3	1	19.2	55	55.9	10	29.8	572	30.1
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	1	2.3	0	0.0	1	4.8	0	0.0	5	5.4	1	3.0	65	3.4
DIABETES MELLITUS	5	11.3	1	8.7	3	14.3	1	19.2	20	21.8	5	14.9	391	20.6
NUTRITIONAL DEFICIENCIES	0	0.0	1	8.7	0	0.0	0	0.0	3	3.3	2	6.0	37	1.9
ANEMIAS	0	0.0	0	0.0	0	0.0	0	0.0	1	1.1	1	3.0	39	2.1
MAJOR CARDIOVASCULAR DISEASES	172	387.4	66	573.9	110	523.8	30	576.9	392	426.6	124	369.0	9,248	487.2
DISEASES OF THE HEART	142	319.8	55	478.3	85	404.8	22	423.1	307	334.1	102	303.6	7,447	392.4
HYPERTENSION	0	0.0	0	0.0	0	0.0	0	0.0	7	7.6	0	0.0	85	4.4
CEREBROVASCULAR DISEASES	23	51.8	10	87.0	23	109.5	6	115.4	58	63.1	19	56.5	1,295	68.2
ARTERIOSCLEROSIS	4	9.0	1	8.7	2	9.5	2	38.5	11	12.0	2	6.0	213	11.2
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	3	6.8	0	0.0	0	0.0	0	0.0	9	9.8	1	3.0	210	11.1
PNEUMONIA AND INFLUENZA	8	18.0	2	17.4	12	57.1	1	19.2	24	26.1	10	29.8	692	36.5
PNEUMONIA	8	18.0	2	17.4	11	52.4	1	19.2	23	25.0	10	29.8	682	35.9
INFLUENZA	0	0.0	0	0.0	1	4.8	0	0.0	1	1.1	0	0.0	10	0.5
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	35	53.8	11	95.7	10	47.6	3	57.7	26	28.3	11	32.7	914	48.2
BRONCHITIS, EMPHYSEMA, AND ASTHMA	8	18.0	4	34.8	1	4.8	0	0.0	3	3.3	0	0.0	212	11.2
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	3	6.8	1	8.7	0	0.0	0	0.0	0	0.0	5	14.9	137	7.2
COAL WORKER'S PNEUMOCONIOSIS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5	14.9	65	3.4
ULCER OF STOMACH AND DUODENUM	2	4.5	1	8.7	0	0.0	0	0.0	2	2.2	1	3.0	45	2.4
HERNIA AND INTESTINAL OBSTRUCTION	0	0.0	0	0.0	0	0.0	0	0.0	2	2.2	0	0.0	37	1.9
CHRONIC LIVER DISEASE AND CIRRHOSIS	0	0.0	0	0.0	1	4.8	1	19.2	10	10.9	5	14.9	160	8.4
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	1	2.3	0	0.0	1	4.8	0	0.0	1	1.1	1	3.0	31	1.6
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	1	2.3	0	0.0	3	14.3	0	0.0	9	9.8	2	6.0	246	13.0
INFECTIONS OF KIDNEY	0	0.0	0	0.0	0	0.0	0	0.0	1	1.1	1	3.0	12	0.6
CONGENITAL ANOMALIES	1	2.3	0	0.0	1	4.8	0	0.0	4	4.4	2	6.0	98	5.2
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	6	13.5	0	0.0	0	0.0	0	0.0	5	5.4	0	0.0	88	4.6
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	2	4.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	32	1.7
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	4	9.0	0	0.0	0	0.0	0	0.0	4	4.4	0	0.0	21	1.1
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	5	11.3	1	8.7	0	0.0	1	19.2	24	26.1	0	0.0	160	8.4
ACCIDENTS, ALL FORMS	27	60.8	6	52.2	11	52.4	1	19.2	24	26.1	16	47.6	895	47.2
MOTOR VEHICLE ACCIDENTS	15	33.8	4	34.8	7	33.3	0	0.0	15	16.3	8	23.8	495	26.1
HOME ACCIDENTS	4	9.0	0	0.0	1	4.8	1	19.2	1	1.1	3	8.9	151	8.0
WORK ACCIDENTS	1	2.3	0	0.0	0	0.0	0	0.0	1	1.1	1	3.0	58	3.1
SUICIDE	6	13.5	2	17.4	3	14.3	0	0.0	6	6.5	9	26.8	218	11.5
HOMICIDE	1	2.3	0	0.0	3	14.3	0	0.0	1	1.1	3	8.9	108	5.7
ALL OTHER CAUSES (RESIDUAL)	29	65.3	9	78.3	16	76.2	3	57.7	67	72.9	24	71.4	1,529	80.6

WEST VIRGINIA RESIDENT DEATHS 1988
Selected Causes: Number and Rate by City
Table 37

SELECTED CAUSES OF DEATH	NUMBER AND RATE FOR LEADING CITIES															
	BECKLEY		BLUEFIELD		CHARLESTON		CLARKSBURG		FAIRMONT		HUNTINGTON		MARTINSBURG		MORGANTOWN	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	5	10.2	2	12.5	11	13.8	3	14.7	1	4.3	4	5.2	1	5.3	5	15.4
TOTAL DEATHS, ALL CAUSES	322	15.7	202	12.6	842	13.2	316	14.1	324	13.6	872	13.7	256	19.6	316	11.4
DEATHS UNDER 1 YEAR	2	6.8	3	18.7	7	8.8	0	0.0	5	21.5	13	17.0	3	10.0	3	8.0
DEATHS UNDER 28 DAYS	2	6.8	1	6.3	5	6.3	0	0.0	2	8.6	9	11.8	0	0.0	2	5.3
INTESTINAL INFECTIOUS DISEASES	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
TUBERCULOSIS	1	4.9	0	0.0	1	1.6	0	0.0	0	0.0	1	1.6	0	0.0	0	0.0
SEPTICEMIA	4	19.5	1	6.2	5	7.8	3	13.4	5	21.0	11	17.3	5	38.5	11	39.8
MALIGNANT NEOPLASMS	57	278.2	46	286.4	198	309.5	58	259.3	69	289.2	198	310.9	66	505.2	46	166.6
--OF DIGESTIVE ORGANS AND PERITONEUM	15	73.2	12	74.7	53	82.9	17	76.0	19	79.6	36	56.5	16	122.5	15	54.3
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	16	78.1	9	56.0	57	89.1	21	93.9	22	92.2	64	100.5	22	168.4	8	29.0
--OF GENITOURINARY ORGANS	9	43.9	7	43.6	22	34.4	4	17.9	11	46.1	25	39.3	10	76.6	8	29.0
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	1	4.9	1	6.2	0	0.0	0	0.0	1	4.2	2	3.1	1	7.7	3	10.9
DIABETES MELLITUS	11	53.7	8	49.8	16	25.0	3	13.4	6	25.1	10	15.7	11	84.2	8	29.0
NUTRITIONAL DEFICIENCIES	0	0.0	0	0.0	1	1.6	0	0.0	1	4.2	2	3.1	1	7.7	0	0.0
ANEMIAS	0	0.0	3	18.7	1	1.6	0	0.0	0	0.0	2	3.1	0	0.0	1	3.6
MAJOR CARDIOVASCULAR DISEASES	161	785.7	93	579.1	405	633.1	167	746.5	158	662.1	437	686.2	109	834.4	162	586.9
DISEASES OF THE HEART	121	590.5	79	491.9	329	514.3	130	581.1	137	574.1	339	532.5	91	696.6	104	376.7
HYPERTENSION	3	14.6	1	6.2	3	4.7	1	4.5	1	4.2	3	4.7	0	0.0	2	7.2
CEREBROVASCULAR DISEASES	34	165.9	11	68.5	54	84.4	29	129.6	16	67.0	81	127.2	13	99.5	29	105.1
ARTERIOSCLEROSIS	1	4.9	0	0.0	7	10.9	5	22.4	0	0.0	5	7.9	2	15.3	21	76.1
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	2	9.8	2	12.5	12	18.8	2	8.9	4	16.8	9	14.1	3	23.0	6	21.7
PNEUMONIA AND INFLUENZA	23	112.2	11	68.5	24	37.5	9	40.2	13	54.5	31	48.7	5	38.3	9	32.6
PNEUMONIA	22	107.4	11	68.5	24	37.5	9	40.2	12	50.3	31	48.7	5	38.3	9	32.6
INFLUENZA	1	4.9	0	0.0	0	0.0	0	0.0	1	4.2	0	0.0	0	0.0	0	0.0
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	18	87.8	7	43.6	37	57.8	17	76.0	9	37.7	31	48.7	12	91.9	7	25.4
BRONCHITIS, EMPHYSEMA, AND ASTHMA	8	39.0	0	0.0	11	17.2	4	17.9	0	0.0	14	22.0	2	15.3	2	7.2
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	1	4.9	0	0.0	2	3.1	1	4.5	4	16.8	6	9.4	0	0.0	1	3.6
COAL WORKER'S PNEUMOCONIOSIS	1	4.9	0	0.0	1	1.6	0	0.0	0	0.0	1	1.6	0	0.0	0	0.0
ULCER OF STOMACH AND DUODENUM	2	9.8	0	0.0	1	1.6	0	0.0	2	8.4	1	1.6	0	0.0	1	3.6
HERNIA AND INTESTINAL OBSTRUCTION	0	0.0	1	6.2	1	1.6	0	0.0	0	0.0	0	0.0	0	0.0	2	7.2
CHRONIC LIVER DISEASE AND CIRRHOSIS	2	9.8	5	31.1	5	7.8	3	13.4	2	8.4	7	11.0	5	38.5	1	3.6
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	0	0.0	1	6.2	1	1.6	2	8.9	0	0.0	1	1.6	0	0.0	1	3.6
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	1	4.9	3	18.7	17	26.6	3	13.4	6	25.1	5	7.9	2	15.3	7	25.4
INFECTIONS OF KIDNEY	0	0.0	0	0.0	1	1.6	0	0.0	0	0.0	2	3.1	0	0.0	0	0.0
CONGENITAL ANOMALIES	1	4.9	1	6.2	3	4.7	0	0.0	2	8.4	4	6.3	1	7.7	4	14.5
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	1	4.9	2	12.5	5	7.8	0	0.0	2	8.4	8	12.6	1	7.7	1	3.6
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	1	4.9	0	0.0	0	0.0	0	0.0	0	0.0	3	4.7	0	0.0	1	3.6
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	0	0.0	0	0.0	1	1.6	0	0.0	1	4.2	3	4.7	0	0.0	0	0.0
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	1	4.9	0	0.0	9	14.1	0	0.0	1	4.2	9	14.1	3	23.0	3	10.9
ACCIDENTS, ALL FORMS	6	29.3	5	31.1	22	34.4	14	62.6	10	41.9	23	36.1	15	114.8	10	36.2
MOTOR VEHICLE ACCIDENTS	4	19.5	2	12.5	10	15.6	7	31.3	5	21.0	8	12.6	8	61.2	7	25.4
HOME ACCIDENTS	1	4.9	0	0.0	2	3.1	4	17.9	3	12.6	7	11.0	5	38.5	1	3.6
WORK ACCIDENTS	1	4.9	0	0.0	1	1.6	1	4.5	0	0.0	0	0.0	0	0.0	0	0.0
SUICIDE	5	24.4	0	0.0	7	10.9	3	13.4	3	12.6	7	11.0	0	0.0	3	10.9
HOMICIDE	3	14.6	3	18.7	8	12.5	1	4.5	4	16.8	3	4.7	1	7.7	0	0.0
ALL OTHER CAUSES (RESIDUAL)	23	112.2	11	68.5	72	112.6	32	143.0	26	109.0	71	111.5	18	137.8	35	126.8

WEST VIRGINIA RESIDENT DEATHS 1988
Selected Causes: Number and Rate by City
Table 37 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER AND RATE FOR LEADING CITIES													
	MOUNDSVILLE		PARKERSBURG		SAINT ALBANS		SO CHARLESTON		VIENNA		WEIRTON		WHEELING	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	1	5.8	1	2.0	1	6.1	2	15.0	0	0.0	1	5.2	1	1.9
TOTAL DEATHS, ALL CAUSES	173	13.9	512	12.8	172	13.9	166	10.4	87	7.5	233	9.4	564	11.1
DEATHS UNDER 1 YEAR	1	5.8	6	11.9	2	12.1	0	0.0	0	0.0	0	0.0	6	11.7
DEATHS UNDER 28 DAYS	1	5.8	5	9.9	2	12.1	0	0.0	0	0.0	0	0.0	4	7.8
INTESTINAL INFECTIOUS DISEASES	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	2.3
TUBERCULOSIS	0	0.0	0	0.0	1	8.1	0	0.0	0	0.0	0	0.0	0	0.0
SEPTICEMIA	2	16.1	3	7.5	0	0.0	1	6.3	0	0.0	3	12.1	7	16.3
MALIGNANT NEOPLASMS	40	322.1	125	312.8	47	379.0	35	219.2	17	146.3	52	210.2	148	343.6
--OF DIGESTIVE ORGANS AND PERITONEUM	6	48.3	23	57.5	8	64.5	9	56.4	4	34.4	11	44.5	38	88.2
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	8	64.4	42	105.1	21	169.3	16	100.2	2	17.2	22	88.9	39	90.6
--OF GENITOURINARY ORGANS	11	88.6	19	47.5	8	64.5	3	18.8	6	51.6	7	28.3	16	37.1
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	0	0.0	3	7.5	0	0.0	1	6.3	0	0.0	3	12.1	3	7.0
DIABETES MELLITUS	7	56.4	15	37.5	0	0.0	1	6.3	2	17.2	8	32.3	8	18.6
NUTRITIONAL DEFICIENCIES	0	0.0	2	5.0	1	8.1	0	0.0	0	0.0	0	0.0	0	0.0
ANEMIAS	0	0.0	0	0.0	0	0.0	1	6.3	0	0.0	0	0.0	3	7.0
MAJOR CARDIOVASCULAR DISEASES	76	612.0	235	588.0	75	604.7	74	463.4	41	352.9	119	481.1	269	624.6
DISEASES OF THE HEART	61	491.2	185	462.9	62	499.9	65	407.1	33	284.0	100	404.3	220	510.8
HYPERTENSION	1	8.1	3	7.5	1	8.1	0	0.0	0	0.0	1	4.0	3	7.0
CEREBROVASCULAR DISEASES	10	80.5	33	82.6	8	64.5	8	50.1	7	60.3	13	52.6	31	72.0
ARTERIOSCLEROSIS	3	24.2	7	17.5	1	8.1	0	0.0	1	8.6	3	12.1	11	25.5
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	1	8.1	7	17.5	3	24.2	1	6.3	0	0.0	2	8.1	4	9.3
PNEUMONIA AND INFLUENZA	6	48.3	13	32.5	6	48.4	4	25.1	6	51.6	8	32.3	22	51.1
PNEUMOMIA	6	48.3	13	32.5	6	48.4	4	25.1	5	43.0	8	32.3	22	51.1
INFLUENZA	0	0.0	0	0.0	0	0.0	0	0.0	1	8.6	0	0.0	0	0.0
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	9	72.5	15	37.5	6	48.4	14	87.7	5	43.0	12	48.5	25	58.0
BRONCHITIS, EMPHYSEMA, AND ASTHMA	0	0.0	2	5.0	1	8.1	4	25.1	0	0.0	2	8.1	7	16.3
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	1	8.1	0	0.0	0	0.0	1	6.3	0	0.0	0	0.0	2	4.6
COAL WORKER'S PNEUMOCONIOSIS	1	8.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
ULCER OF STOMACH AND DUODENUM	0	0.0	2	5.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
HERNIA AND INTESTINAL OBSTRUCTION	0	0.0	0	0.0	0	0.0	0	0.0	2	17.2	0	0.0	0	0.0
CHRONIC LIVER DISEASE AND CIRRHOSIS	1	8.1	8	20.0	3	24.2	4	25.1	0	0.0	4	16.2	8	18.6
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	0	0.0	1	2.5	0	0.0	0	0.0	0	0.0	1	4.0	2	4.6
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	5	40.3	5	12.5	1	8.1	0	0.0	0	0.0	0	0.0	5	11.6
INFECTIONS OF KIDNEY	1	8.1	1	2.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
CONGENITAL ANOMALIES	0	0.0	2	5.0	0	0.0	1	6.3	0	0.0	1	4.0	4	9.3
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	1	8.1	5	12.5	2	16.1	0	0.0	0	0.0	0	0.0	4	9.3
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	1	8.1	0	0.0	1	8.1	0	0.0	0	0.0	0	0.0	0	0.0
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	0	0.0	4	10.0	0	0.0	0	0.0	0	0.0	0	0.0	2	4.6
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	0	0.0	17	42.5	1	8.1	0	0.0	3	25.8	4	16.2	1	2.3
ACCIDENTS, ALL FORMS	4	32.2	17	42.5	6	48.4	8	50.1	2	17.2	4	16.2	20	46.4
MOTOR VEHICLE ACCIDENTS	3	24.2	10	25.0	3	24.2	4	25.1	1	8.6	2	8.1	10	23.2
HOME ACCIDENTS	0	0.0	0	0.0	0	0.0	3	18.8	0	0.0	0	0.0	4	9.3
WORK ACCIDENTS	0	0.0	1	2.5	0	0.0	1	6.3	0	0.0	0	0.0	0	0.0
SUICIDE	3	24.2	4	10.0	1	8.1	3	18.8	0	0.0	2	8.1	3	7.0
HOMICIDE	1	8.1	0	0.0	2	16.1	0	0.0	1	8.6	0	0.0	1	2.3
ALL OTHER CAUSES (RESIDUAL)	16	128.8	39	97.6	20	161.3	18	112.7	7	60.3	12	48.5	28	65.0

WEST VIRGINIA RESIDENT DEATHS 1988
Selected Causes by Age Groups
Table 38

SELECTED CAUSES OF DEATH	TOTAL	AGE IN YEARS													AVERAGE AGE AT DEATH*
		LESS THAN ONE	1-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 AND OVER	UNKNOWN	
TOTAL DEATHS, ALL CAUSES	19,780	197	50	32	49	301	369	559	1,019	2,581	4,896	5,847	3,857	3	70.8
DEATHS UNDER 1 YEAR	197	197	0	0	0	0	0	0	0	0	0	0	0	0	0.1
DEATHS UNDER 28 DAYS	128	128	0	0	0	0	0	0	0	0	0	0	0	0	0.0
INTESTINAL INFECTIOUS DISEASES	4	1	0	0	0	0	0	0	0	0	0	3	0	0	60.0
TUBERCULOSIS	23	0	0	0	0	0	0	1	3	0	9	5	5	0	74.2
SEPTICEMIA	248	2	0	0	0	0	2	3	3	26	60	86	66	0	76.1
MALIGNANT NEOPLASMS	4,355	0	3	6	6	17	31	117	326	909	1,388	1,126	426	0	68.9
--OF DIGESTIVE ORGANS AND PERITONEUM	962	0	1	0	1	0	2	17	61	165	302	274	139	0	71.4
--OF RESPIRATORY SYSTEM AND INTROTHRATIC ORGANS	1,428	0	0	0	0	0	2	22	123	364	549	303	65	0	67.7
--OF GENITOURINARY ORGANS	572	0	0	2	0	3	6	10	25	90	157	198	81	0	72.0
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	65	0	0	0	0	0	3	2	6	8	13	21	12	0	70.6
DIABETES MELLITUS	591	0	0	0	0	0	5	10	25	68	110	113	60	0	71.3
NUTRITIONAL DEFICIENCIES	37	1	0	0	0	0	0	0	0	2	5	13	16	0	79.1
ANEMIAS	39	0	0	0	0	0	1	0	1	2	8	13	14	0	77.7
MAJOR CARDIOVASCULAR DISEASES	9,248	4	1	4	3	15	34	158	372	1,015	2,250	3,101	2,288	3	75.4
DISEASES OF THE HEART	7,447	4	1	4	1	15	28	137	326	886	1,881	2,434	1,728	2	74.8
HYPERTENSION	83	0	0	0	0	0	0	0	3	7	34	20	19	0	75.2
CEREBROVASCULAR DISEASES	1,295	0	0	0	2	0	5	13	36	87	248	492	411	1	78.2
ARTERIOSCLEROSIS	213	0	0	0	0	0	1	1	1	13	33	73	91	0	81.5
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	210	0	0	0	0	0	0	7	6	22	54	82	39	0	74.6
PNEUMONIA AND INFLUENZA	692	3	1	0	0	1	5	11	13	33	127	261	237	0	78.7
PNEUMOMIA	682	3	1	0	0	1	5	10	12	33	126	257	234	0	78.7
INFLUENZA	10	0	0	0	0	0	0	1	1	0	1	4	3	0	75.6
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	914	1	0	1	0	2	1	7	27	126	343	322	84	0	72.4
BRONCHITIS, EMPHYSEMA, AND ASTHMA	212	1	0	1	0	1	1	4	11	32	79	63	19	0	70.2
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	137	0	0	0	0	0	0	0	2	14	36	48	37	0	77.5
COAL WORKER'S PNEUMOCONIOSIS	65	0	0	0	0	0	0	0	2	6	27	20	10	0	74.4
ULCER OF STOMACH AND DUODENUM	45	0	0	0	0	0	0	0	1	5	9	16	14	0	78.4
HERNIA AND INTESTINAL OBSTRUCTION	37	0	0	0	0	0	0	0	2	3	9	9	14	0	79.2
CHRONIC LIVER DISEASE AND CIRRHOSIS	160	0	0	0	0	0	3	19	32	47	36	18	5	0	59.9
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	31	0	0	0	0	0	0	0	0	2	5	10	14	0	82.9
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	246	0	0	0	1	0	1	3	12	28	59	77	65	0	75.4
INFECTIONS OF KIDNEY	12	0	0	0	0	0	1	1	0	2	1	2	5	0	72.0
CONGENITAL ANOMALIES	98	49	8	1	3	6	4	1	5	6	9	6	0	0	21.1
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	88	86	2	0	0	0	0	0	0	0	0	0	0	0	0.1
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	32	32	0	0	0	0	0	0	0	0	0	0	0	0	0.0
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	21	21	0	0	0	0	0	0	0	0	0	0	0	0	0.0
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	160	30	2	0	0	1	2	5	1	11	26	39	43	0	61.6
ACCIDENTS, ALL FORMS	895	5	20	14	26	188	155	116	70	74	77	85	69	0	43.7
MOTOR VEHICLE ACCIDENTS	495	2	8	7	19	154	98	75	35	34	32	21	10	0	35.5
HOME ACCIDENTS	151	2	9	2	2	14	12	16	14	16	17	24	23	0	53.9
WORK ACCIDENTS	58	0	0	0	0	7	22	12	10	4	1	2	0	0	38.7
SUICIDE	218	0	0	0	2	26	49	45	29	23	22	19	3	0	45.1
HOMICIDE	108	2	4	0	2	24	39	13	8	8	4	3	1	0	33.9
ALL OTHER CAUSES (RESIDUAL)	1,529	13	2	6	6	21	35	47	81	169	290	473	379	0	71.7

* DEATHS IN THE UNKNOWN COLUMN HAVE NOT BEEN USED IN COMPUTING THE AVERAGE AGES AT DEATH.

WEST VIRGINIA RESIDENT DEATHS 1988
Selected Causes by Month of Occurrence
Table 39

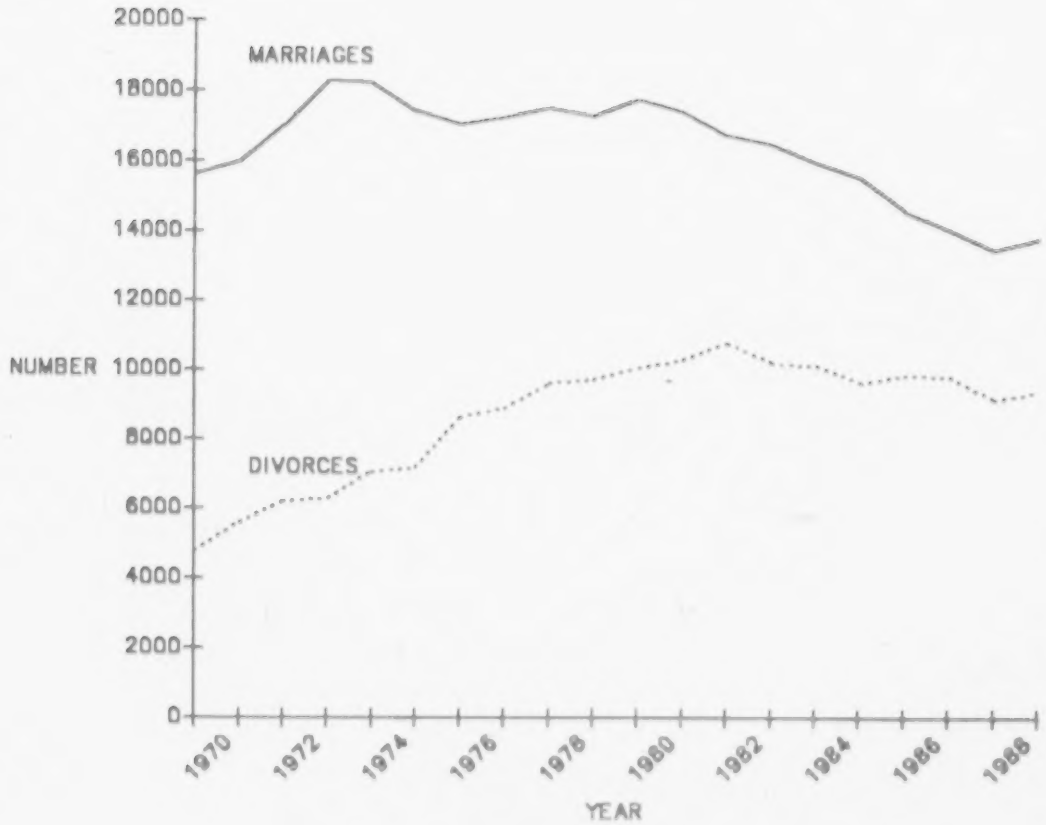
SELECTED CAUSES OF DEATH	TOTAL	NUMBER OF DEATHS PER MONTH											
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
FETAL DEATHS	151	8	15	8	9	13	17	17	14	16	14	10	10
TOTAL DEATHS, ALL CAUSES	19,780	1,735	1,643	1,916	1,675	1,661	1,586	1,566	1,446	1,466	1,693	1,651	1,744
DEATHS UNDER 1 YEAR	197	14	17	22	15	12	18	19	18	14	16	15	17
DEATHS UNDER 28 DAYS	128	11	8	14	9	8	15	14	11	7	10	10	11
INTESTINAL INFECTIOUS DISEASES	4	0	0	0	1	0	1	1	0	0	0	1	0
TUBERCULOSIS	25	3	4	1	0	2	2	3	2	1	3	0	2
SEPTICEMIA	248	21	18	30	26	20	25	20	15	26	17	15	17
MALIGNANT NEOPLASMS	4,355	371	333	371	378	380	341	354	351	366	362	377	371
--OF DIGESTIVE ORGANS AND PERITONEUM	962	83	64	73	84	88	79	83	77	85	82	75	89
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	1,428	123	107	115	138	126	111	124	107	112	129	118	118
--OF GENITOURINARY ORGANS	572	55	47	47	46	51	50	39	48	43	43	43	60
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	65	3	3	5	8	3	5	3	2	8	8	9	8
DIABETES MELLITUS	391	33	30	36	28	28	35	28	27	36	33	32	45
NUTRITIONAL DEFICIENCIES	37	3	7	6	2	3	3	2	2	2	0	2	5
ANEMIAS	39	3	1	6	2	3	6	3	5	2	3	1	4
MAJOR CARDIOVASCULAR DISEASES	9,248	809	761	900	777	794	759	733	653	650	798	799	815
DISEASES OF THE HEART	7,447	654	601	725	615	660	605	594	520	518	643	654	658
HYPERTENSION	83	6	5	2	11	3	9	8	10	3	9	9	8
CEREBROVASCULAR DISEASES	1,295	104	118	128	109	94	106	97	97	107	118	107	110
ARTERIOSCLEROSIS	213	20	23	23	24	14	18	17	11	12	18	15	18
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	210	25	14	22	18	23	21	17	15	10	10	14	21
PNEUMONIA AND INFLUENZA	692	61	83	94	64	57	47	34	53	37	54	49	59
PNEUMONIA	682	61	82	89	63	55	47	34	53	37	53	49	59
INFLUENZA	10	0	1	5	1	2	0	0	0	0	1	0	0
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	914	80	100	100	88	75	79	64	49	58	66	66	89
BRONCHITIS, EMPHYSEMA, AND ASTHMA	212	22	25	22	23	21	15	11	9	16	14	14	20
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	137	17	12	17	7	15	7	13	8	6	14	12	9
COAL WORKER'S PNEUMOCONIOSIS	65	9	6	7	5	7	3	9	5	1	4	5	4
ULCER OF STOMACH AND DUODENUM	45	3	3	7	6	2	3	4	2	2	6	4	3
HERNIA AND INTESTINAL OBSTRUCTION	37	3	4	2	3	3	3	5	1	2	3	5	3
CHRONIC LIVER DISEASE AND CIRRHOSIS	160	9	16	15	14	17	8	14	7	12	18	10	20
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	31	2	0	2	3	3	3	3	6	3	0	3	1
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	246	25	30	29	24	18	22	21	10	19	16	16	16
INFECTIONS OF KIDNEY	12	0	1	1	0	1	0	1	2	1	1	2	2
CONGENITAL ANOMALIES	98	5	8	8	13	10	9	7	9	3	7	10	9
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	88	9	5	12	6	3	11	11	6	4	8	6	7
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	32	7	3	2	2	1	4	3	0	1	4	1	4
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	21	1	0	7	2	0	3	2	0	1	2	0	3
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	160	15	13	13	17	17	10	10	7	13	13	21	11
ACCIDENTS, ALL FORMS	895	99	63	75	58	73	79	82	69	75	88	66	68
MOTOR VEHICLE ACCIDENTS	495	45	37	44	29	37	43	39	37	32	52	40	40
HOME ACCIDENTS	151	24	10	14	15	14	17	8	6	6	12	9	16
WORK ACCIDENTS	58	5	7	3	5	5	2	8	3	6	6	3	5
SUICIDE	218	19	16	15	16	15	21	20	24	16	23	19	14
HOMICIDE	108	12	6	8	12	5	4	12	8	7	16	10	8
ALL OTHER CAUSES (RESIDUAL)	1,529	128	126	163	122	114	105	118	128	115	136	116	158

WEST VIRGINIA RESIDENT DEATHS 1988
Autopsies by County
Table 40

COUNTY	NUMBER OF DEATHS	NUMBER OF AUTOPSIES	COUNTY	NUMBER OF DEATHS	NUMBER OF AUTOPSIES
BARBOUR	188	17	MONONGALIA	592	54
BERKELEY	540	43	MONROE	152	11
BOONE	273	36	MORGAN	149	9
BRAXTON	189	16	NICHOLAS	234	19
BROOKE	338	20	OHIO	672	43
CABELL	1,182	72	PENDLETON	78	4
CALHOUN	84	4	PLEASANTS	68	1
CLAY	111	10	POCAHONTAS	117	4
DODDRIDGE	72	1	PRESTON	305	37
FAYETTE	600	60	PUTNAM	314	26
GILMER	92	6	RALEIGH	868	83
GRANT	99	5	RANDOLPH	311	24
GREENBRIER	492	35	RITCHIE	129	10
HAMPSHIRE	185	7	ROANE	152	12
HANCOCK	369	19	SUMMERS	157	12
HARDY	101	7	TAYLOR	183	10
HARRISON	875	75	TUCKER	109	4
JACKSON	277	19	TYLER	117	4
JEFFERSON	322	30	UPSHUR	240	11
KANAWHA	2,399	228	WAYNE	377	24
LEWIS	205	14	WEBSTER	131	12
LINCOLN	208	19	WETZEL	222	11
LOGAN	410	38	WIRT	55	3
MCDOWELL	495	52	WOOD	834	47
MARION	721	55	WYOMING	289	40
MARSHALL	371	19			
MASON	315	19	TOTAL	19,780	1,553
MERCER	764	49			
MINERAL	314	13			
MINGO	334	50			

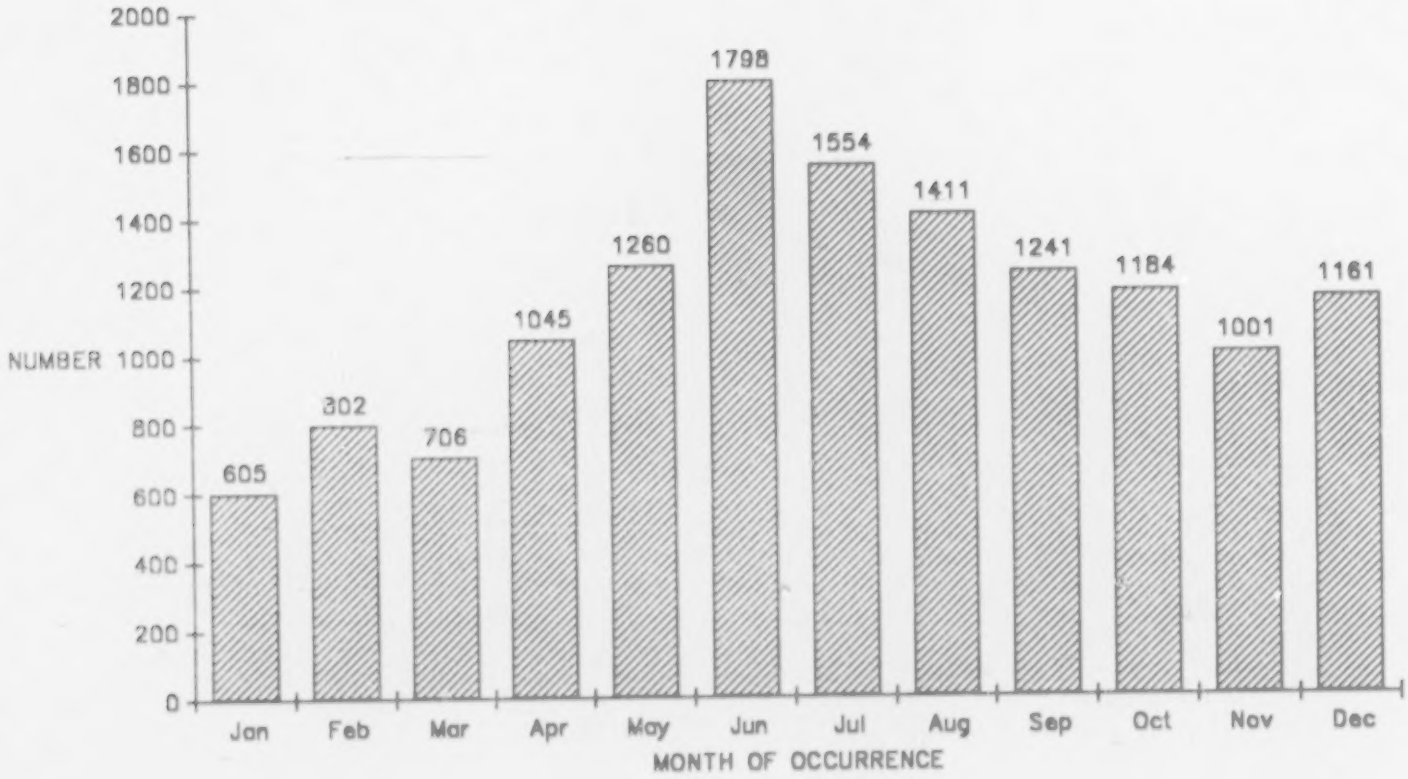
MARRIAGES AND DIVORCES

WEST VIRGINIA MARRIAGES AND DIVORCES 1969-1988
Exhibit 20



YEAR	MARRIAGES	DIVORCES AND ANNULMENTS
1969	15,604	4,772
1970	15,948	5,584
1971	16,987	6,178
1972	18,270	6,270
1973	18,199	7,056
1974	17,409	7,176
1975	17,041	8,632
1976	17,229	8,893
1977	17,484	9,605
1978	17,275	9,698
1979	17,738	10,046
1980	17,391	10,273
1981	16,721	10,748
1982	16,467	10,198
1983	15,930	10,113
1984	15,513	9,625
1985	14,580	9,851
1986	14,033	9,804
1987	13,455	9,141
1988	13,768	9,352

WEST VIRGINIA MARRIAGES 1988
Month of Occurrence
Exhibit 21



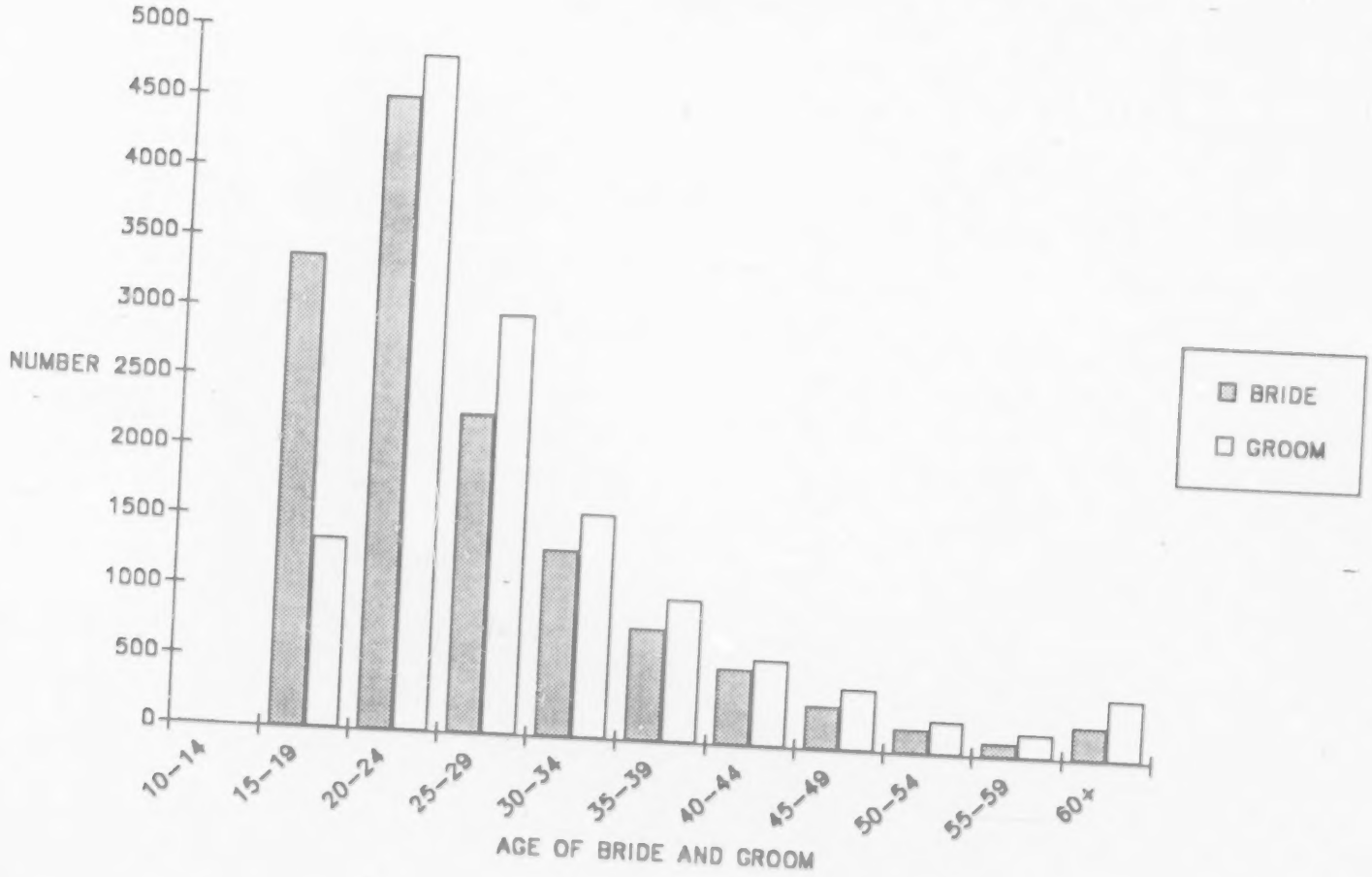
WEST VIRGINIA MARRIAGES 1988
Month of Occurrence by County
Table 41

COUNTY	MONTH OF MARRIAGE												
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
BARBOUR	4	12	7	13	17	18	23	16	8	9	10	7	144
BERKELEY	11	26	14	18	29	53	38	33	36	32	20	40	350
BOONE	7	13	12	19	17	26	14	16	18	17	15	15	189
BRAXTON	8	6	5	6	11	13	21	12	12	6	10	10	120
BROOKE	3	5	9	12	19	26	30	19	20	20	7	17	187
CABELL	44	36	48	48	72	99	104	82	77	70	58	79	817
CALHOUN	1	3	4	10	7	8	8	4	1	5	7	6	64
CLAY	4	7	6	4	14	15	7	13	10	10	12	6	108
DODDRIDGE	2	6	6	4	2	6	9	6	3	4	4	7	59
FAYETTE	16	26	17	25	34	42	44	33	32	37	33	25	364
GILMER	1	5	4	5	6	7	6	2	5	6	4	3	54
GRANT	2	3	2	5	6	9	8	9	6	6	1	9	66
GREENBRIER	9	9	8	20	28	40	24	17	24	25	19	14	237
HAMPSHIRE	5	4	5	6	12	18	18	7	9	14	8	10	116
HANCOCK	11	12	16	26	27	35	34	37	29	31	23	18	299
HARDY	0	2	1	6	12	9	12	9	4	12	7	8	82
HARRISON	21	30	33	57	56	73	56	49	40	53	53	45	568
JACKSON	12	11	10	22	12	32	25	26	23	19	22	24	238
JEFFERSON	7	8	12	20	32	26	17	20	21	17	13	15	208
KANAWHA	105	102	105	137	156	223	172	192	167	145	132	161	1,797
LEWIS	6	8	9	8	16	20	23	13	15	18	8	9	153
LINCOLN	13	12	9	10	13	31	16	17	16	15	17	16	185
LOGAN	14	15	10	30	27	46	38	19	32	22	27	32	312
MCDOWELL	2	13	11	21	15	28	24	24	15	15	12	15	195
MARION	20	24	22	35	40	48	32	50	48	43	36	35	433
MARSHALL	8	24	11	21	28	44	25	25	31	30	17	29	293
MASON	9	12	11	13	13	29	23	27	22	14	22	22	217
MERCER	16	19	19	18	32	64	47	61	42	21	34	25	398
MINERAL	1	10	5	7	19	23	19	18	19	19	13	13	166
MINGO	10	18	7	22	17	21	25	19	18	15	12	15	199
MONONGALIA	17	33	24	31	50	62	63	54	37	45	28	31	475
MONROE	3	0	0	0	1	2	3	0	2	0	0	1	12
MORGAN	2	5	3	2	7	13	8	5	10	9	7	2	73
NICHOLAS	10	13	11	14	13	26	16	19	13	14	18	13	180
OHIO	21	26	25	36	46	66	54	45	51	41	33	27	471
PENDLETON	2	5	1	6	3	6	15	5	5	4	2	6	60
PLEASANTS	4	7	3	5	8	6	4	6	2	7	4	5	61
POCAHONTAS	4	2	5	3	8	7	7	8	12	2	3	6	67
PRESTON	5	5	7	13	21	22	31	15	13	16	15	9	172
PUTNAM	16	14	11	24	27	44	28	28	27	26	15	24	284
RALEIGH	26	38	43	36	47	89	77	60	45	31	34	59	585
RANDOLPH	6	13	14	21	26	24	34	29	21	26	21	24	259
RITCHIE	3	8	7	10	11	11	9	9	7	9	8	15	107
ROANE	5	17	8	15	7	23	14	11	17	11	12	10	150
SUMMERS	2	2	1	3	3	9	5	6	4	7	7	11	60
TAYLOR	3	5	5	5	9	5	10	12	6	9	6	6	81
TUCKER	1	7	5	8	7	15	10	14	5	6	4	11	93
TYLER	8	7	4	3	7	13	10	12	5	7	5	10	91
UPSHUR	9	10	10	18	19	15	30	28	20	21	15	16	211
WAYNE	17	15	7	16	21	27	25	22	15	19	15	20	219
WEBSTER	3	2	3	5	7	9	8	9	10	9	2	10	77
WETZEL	10	9	8	19	9	31	17	23	14	6	8	18	172
WIRT	4	1	3	6	2	4	3	1	3	2	2	5	36
WOOD	44	66	48	83	93	103	105	103	72	84	65	72	938
WYOMING	8	11	12	15	19	34	24	12	22	23	16	20	216
OUT OF STATE	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	605	802	706	1,045	1,260	1,798	1,554	1,411	1,241	1,184	1,001	1,161	13,768

WEST VIRGINIA MARRIAGES 1984-1988
Number by County
Table 42

COUNTY	1984	1985	1986	1987	1988	COUNTY	1984	1985	1986	1987	1988
BARBOUR	131	112	127	127	144	MONONGALIA	601	497	526	501	475
BERKELEY	305	279	296	337	350	MONROE	75	66	58	21	12
BOONE	268	288	237	201	189	MORGAN	67	65	73	66	73
BRAXTON	143	149	125	143	120	NICHOLAS	276	213	232	175	180
BROOKE	189	212	200	183	187	OHIO	540	531	530	487	471
CABELL	909	803	771	728	817	PENDLETON	66	59	68	42	60
CALHOUN	77	80	78	62	64	PLEASANTS	57	67	69	64	61
CLAY	97	102	87	107	108	POCAHONTAS	73	57	62	48	67
DODDRIDGE	76	57	61	54	59	PRESTON	135	130	148	137	172
FAYETTE	435	392	373	343	364	PUTNAM	308	310	287	324	284
GILMER	65	61	74	46	54	RALEIGH	695	634	574	562	585
GRANT	65	75	66	69	66	RANDOLPH	266	242	229	243	259
GREENBRIER	255	249	206	206	237	RITCHIE	122	95	93	98	107
HAMPSHIRE	117	88	95	97	116	ROANE	105	131	133	127	150
HANCOCK	387	325	302	311	299	SUMMERS	92	80	54	76	60
HARDY	99	87	87	90	82	TAYLOR	108	100	77	105	81
HARRISON	573	600	581	526	568	TUCKER	71	59	63	70	93
JACKSON	215	245	252	197	238	TYLER	91	98	73	89	91
JEFFERSON	219	220	211	216	208	UPSHUR	229	212	237	215	211
KANAWHA	2,220	2,068	1,976	1,807	1,797	WAYNE	287	227	205	214	219
LEWIS	190	182	174	157	153	WEBSTER	92	83	78	87	77
LINCOLN	193	210	185	184	185	WETZEL	196	173	168	155	172
LOGAN	420	358	361	341	312	WIRT	52	65	49	51	36
MCDOWELL	237	197	210	177	195	WOOD	976	994	906	925	938
MARION	460	444	434	419	433	WYOMING	267	224	218	184	216
MARSHALL	339	315	316	311	293	OUT-OF-STATE	19	8	0	0	0
MASON	197	218	199	243	217						
MERCER	413	398	397	393	398						
MINERAL	132	134	145	152	166	TOTAL	15,513	14,580	14,033	13,455	13,768
MINGO	221	212	197	162	199						

WEST VIRGINIA MARRIAGES 1988
Age of Bride and Groom
Exhibit 22



WEST VIRGINIA MARRIAGES 1988
Age of Bride by Age of Groom
Table 43

AGE OF BRIDE	AGE OF GROOM												
	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60 & OVER YEARS	UNKNOWN	TOTAL
10-14 YEARS	0	6	8	0	0	0	0	0	0	0	1	0	15
15-19 YEARS	0	1,088	1,826	364	74	20	4	5	1	1	2	0	3,385
20-24 YEARS	0	230	2,45[illegible]	1,295	370	130	26	18	6	2	1	0	4,533
25-29 YEARS	0	28	410	936	544	231	91	30	8	4	6	0	2,288
30-34 YEARS	0	11	98	296	405	276	145	66	26	10	8	0	1,341
35-39 YEARS	0	3	27	80	154	231	163	86	32	21	13	0	810
40-44 YEARS	0	1	5	27	49	108	125	136	48	22	30	0	551
45-49 YEARS	0	1	3	1	10	21	49	84	68	37	41	0	315
50-54 YEARS	0	0	0	3	2	4	14	14	40	39	63	0	179
54-59 YEARS	0	0	0	0	1	1	1	4	9	28	66	0	110
60 & OVER	0	0	1	0	0	1	2	1	5	15	216	0	241
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	1,368	4,833	3,002	1,609	1,023	620	444	243	179	447	0	13,768

WEST VIRGINIA MARRIAGES 1988
Previous Marital Status of Bride and Groom
Table 44

BRIDE	GROOM					
	NEVER MARRIED	WIDOWED	DIVORCED	ANNULLED	NOT STATED	TOTAL
NEVER MARRIED	7,661	72	1,350	10	4	9,097
WIDOWED	66	229	178	2	5	480
DIVORCED	1,411	209	2,512	6	12	4,150
ANNULLED	9	2	6	3	0	20
NOT STATED	6	3	6	0	6	21
TOTAL	9,153	515	4,052	21	27	13,768

WEST VIRGINIA MARRIAGES 1988
Number of Previous Marriages for Bride and Groom
Table 45

BRIDE	GROOM						
	NEVER MARRIED	ONE PREVIOUS MARRIAGE	TWO PREVIOUS MARRIAGES	THREE PREVIOUS MARRIAGES	FOUR OR MORE PREVIOUS MARRIAGES	NOT STATED	TOTAL
NEVER MARRIED	7,661	1,166	213	37	9	11	9,097
ONE PREVIOUS MARRIAGE	1,231	1,685	432	79	29	12	3,468
TWO PREVIOUS MARRIAGES	224	448	212	42	15	1	942
THREE PREVIOUS MARRIAGES	23	90	47	29	4	0	193
FOUR OR MORE PREVIOUS MARRIAGES	7	26	4	3	2	0	42
NOT STATED	7	11	2	0	0	6	26
TOTAL	9,153	3,426	910	190	59	30	13,768

WEST VIRGINIA DIVORCES AND ANNULMENTS 1988
County of Occurrence
Table 46

COUNTY	NUMBER OF DIVORCES	NUMBER OF ANNULMENTS	TOTAL	COUNTY	NUMBER OF DIVORCES	NUMBER OF ANNULMENTS	TOTAL
BARBOUR	61	0	61	MONONGALIA	290	0	290
BERKELEY	307	2	309	MONROE	57	0	57
BOONE	167	0	167	MORGAN	36	0	36
BRAXTON	67	0	67	NICHOLAS	155	0	155
BROOKE	130	1	131	OHIO	212	0	212
CABELL	580	1	581	PENDLETON	28	0	28
CALHOUN	54	0	54	PLEASANTS	37	0	37
CLAY	58	0	58	POCAHONTAS	37	0	37
DODDRIDGE	33	0	33	PRESTON	115	0	115
FAYETTE	260	2	262	PUTNAM	238	0	238
GILMER	26	0	26	RALEIGH	489	2	491
GRANT	36	0	36	RANDOLPH	148	0	148
GREENBRIER	172	0	172	RITCHIE	44	0	44
HAMPSHIRE	82	0	82	ROANE	68	0	68
HANCOCK	158	0	158	SUMMERS	63	0	63
HARDY	48	1	49	TAYLOR	74	0	74
HARRISON	331	0	331	TUCKER	42	0	42
JACKSON	119	0	119	TYLER	35	1	36
JEFFERSON	180	0	180	UPSHUR	122	0	122
KANAWHA	1,165	0	1,165	WAYNE	202	1	203
LEWIS	92	0	92	WEBSTER	71	1	72
LINCOLN	139	0	139	WETZEL	76	1	77
LOGAN	258	0	258	WIRT	17	0	17
MCDOWELL	223	2	225	WOOD	494	4	498
MARION	274	0	274	WYOMING	181	1	182
MARSHALL	158	0	158				
MASON	129	0	129	TOTAL	9,332	20	9,352
MERCER	363	0	363				
MINERAL	96	0	96				
MINGO	235	0	235				

WEST VIRGINIA DIVORCES AND ANNULMENTS 1984-1988
Number by County
Table 47

COUNTY	1984	1985	1986	1987	1988	COUNTY	1984	1985	1986	1987	1988
BARBOUR	67	77	95	71	61	MONONGALIA	336	305	345	320	290
BERKELEY	241	289	295	286	309	MONROE	67	55	57	50	57
BOONE	186	187	182	174	167	MORGAN	56	62	55	57	36
BRAXTON	62	68	72	80	67	NICHOLAS	140	170	137	159	155
BROOKE	126	125	113	96	131	OHIO	237	259	214	209	212
CABELL	604	639	589	541	581	PENDLETON	35	31	29	40	28
CALHOUN	42	32	28	34	54	PLEASANTS	28	20	38	45	37
CLAY	57	56	46	53	58	POCAHONTAS	43	38	46	56	37
DODDRIDGE	28	19	18	15	33	PRESTON	113	90	118	122	115
FAYETTE	290	294	289	252	262	PUTNAM	207	251	245	213	238
GILMER	35	31	31	31	26	RALEIGH	437	452	513	468	491
GRANT	41	26	42	32	36	RANDOLPH	148	191	166	132	148
GREENBRIER	190	188	187	174	172	RITCHIE	48	68	66	51	44
HAMPSHIRE	60	70	50	71	82	ROANE	83	84	73	67	68
HANCOCK	187	142	141	149	158	SUMMERS	64	87	66	66	63
HARDY	39	44	54	54	49	TAYLOR	91	84	82	92	74
HARRISON	320	408	349	309	331	TUCKER	36	42	46	46	42
JACKSON	130	144	125	123	119	TYLER	44	53	43	39	36
JEFFERSON	171	150	178	183	180	UPSHUR	132	120	103	83	122
KANAWHA	1,280	1,286	1,293	1,187	1,165	WAYNE	208	234	251	241	203
LEWIS	107	83	117	74	92	WEBSTER	53	54	45	46	72
LINCOLN	138	140	127	118	139	WETZEL	72	89	88	63	77
LOGAN	252	255	221	258	258	WIRT	29	25	23	17	17
MCDOWELL	235	234	248	174	225	WOOD	502	516	540	542	498
MARION	264	272	267	270	274	WYOMING	160	152	202	144	182
MARSHALL	205	197	155	156	158						
MASON	125	163	172	141	129						
MERCER	400	398	428	351	363	TOTAL	9,625	9,851	9,804	9,141	9,352
MINERAL	123	122	115	107	96						
MINGO	251	180	186	209	235						

WEST VIRGINIA DIVORCES AND ANNULMENTS 1988
Age of Husband and Wife
Table 48

AGE OF WIFE	AGE OF HUSBAND											
	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60 & OVER YEARS	UNKNOWN	TOTAL
10-14 YEARS	0	0	0	0	0	0	1	0	0	0	0	1
15-19 YEARS	65	227	41	15	6	4	0	0	0	1	1	360
20-24 YEARS	22	728	658	173	43	18	8	2	2	3	8	1,665
25-29 YEARS	3	101	797	628	193	71	22	11	0	4	6	1,836
30-34 YEARS	0	23	154	625	500	164	58	26	12	8	8	1,578
35-39 YEARS	1	15	46	154	456	359	108	35	14	15	4	1,207
40-44 YEARS	1	5	16	37	81	283	210	57	29	21	5	745
45-49 YEARS	0	0	5	12	23	67	146	112	34	18	1	418
50-54 YEARS	0	0	2	1	4	13	24	74	45	35	0	198
54-59 YEARS	1	0	0	0	3	2	8	15	47	57	1	134
60 & OVER	0	1	0	3	0	4	0	7	14	128	1	158
UNKNOWN	0	9	14	6	9	9	7	2	4	2	990	1,052
TOTAL	93	1,109	1,733	1,654	1,318	994	592	341	201	292	1,025	9,352

WEST VIRGINIA DIVORCES AND ANNULMENTS 1988
Plaintiff by Duration of Marriage
Table 49

DURATION OF MARRIAGE IN YEARS	HUSBAND AS PLAINTIFF				WIFE AS PLAINTIFF				UNKNOWN PLAINTIFF				TOTAL	PERCENT OF TOTAL
	DIVORCE	ANNULMENT	TOTAL	PERCENT OF TOTAL	DIVORCE	ANNULMENT	TOTAL	PERCENT OF TOTAL	DIVORCE	ANNULMENT	TOTAL	PERCENT OF TOTAL		
UNDER 1	207	2	209	2.2	430	9	439	4.7	0	0	0	0.0	648	6.9
1 TO 5	1,127	2	1,129	12.1	2,504	5	2,509	26.8	0	0	0	0.0	3,638	38.9
6 TO 10	639	0	639	6.8	1,551	0	1,551	16.6	0	0	0	0.0	2,190	23.4
11 TO 15	327	0	327	3.5	863	0	863	9.2	1	0	1	0.0	1,191	12.7
16 TO 20	247	0	247	2.6	516	0	516	5.5	0	0	0	0.0	763	8.2
21 TO 25	152	1	153	1.6	289	0	289	3.1	0	0	0	0.0	442	4.7
26 TO 30	73	0	73	0.8	153	0	153	1.6	0	0	0	0.0	226	2.4
31 TO 35	45	0	45	0.5	70	0	70	0.7	0	0	0	0.0	115	1.2
36 TO 40	17	0	17	0.2	29	0	29	0.3	0	0	0	0.0	46	0.5
41 TO 45	8	1	9	0.1	15	0	15	0.2	0	0	0	0.0	24	0.3
46 TO 50	4	0	4	0.0	8	0	8	0.1	0	0	0	0.0	12	0.1
51 TO 55	0	0	0	0.0	1	0	1	0.0	0	0	0	0.0	1	0.0
56 TO 60	1	0	1	0.0	0	0	0	0.0	0	0	0	0.0	1	0.0
OVER 60	0	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0	0.0
UNKNOWN	23	0	23	0.2	30	0	30	0.3	2	0	2	0.0	55	0.6
TOTAL	2,870	6	2,876	30.8	6,459	14	6,473	69.2	3	0	3	0.0	9,352	100.0

WEST VIRGINIA DIVORCES AND ANNULMENTS 1988
Type of Decree by Number of Children
Table 50

NUMBER OF DECREES	NUMBER OF CHILDREN REPORTED UNDER 18 YEARS OF AGE										
	NONE	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT OR MORE	UNKNOWN	TOTAL
DIVORCE	4,292	2,578	1,833	504	99	18	4	1	1	2	9,332
PERCENT	46.0	27.6	19.6	5.4	1.1	0.2	0.0	0.0	0.0	0.0	99.8
ANNULMENT	17	2	1	0	0	0	0	0	0	0	20
PERCENT	85.0	10.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
TOTAL	4,309	2,580	1,834	504	99	18	4	1	1	2	9,352
PERCENT	46.1	27.6	19.6	5.4	1.1	0.2	0.0	0.0	0.0	0.0	100.0

WEST VIRGINIA DIVORCES AND ANNULMENTS 1988
Plaintiff by Age Group
Table 51

PLAINTIFF	AGE OF PLAINTIFF												
	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60 & OVER YEARS	UNKNOWN	TOTAL
HUSBAND	0	24	332	506	483	375	335	200	114	71	118	318	2,876
PERCENT	0.0	0.8	11.5	17.6	16.8	13.0	11.6	7.0	4.0	2.5	4.1	11.1	30.8
WIFE	1	245	1,169	1,312	1,120	856	483	266	130	82	101	708	6,473
PERCENT	0.0	3.8	18.1	20.3	17.3	13.2	7.5	4.1	2.0	1.3	1.6	10.9	69.2
UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	3	3
PERCENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
TOTAL	1	269	1,501	1,818	1,603	1,231	818	466	244	153	219	1,029	9,352
PERCENT	0.0	2.9	16.1	19.4	17.1	13.2	8.7	5.0	2.6	1.6	2.3	11.0	100.0

APPENDIXES

Certificate of Live Birth

LOCAL FILE NUMBER

WEST VIRGINIA STATE DEPARTMENT OF HEALTH
DIVISION OF VITAL STATISTICS

CERTIFICATE OF LIVE BIRTH

BIRTH NO. 147 -

SAMPLE

CHILD

CHILD NAME — FIRST — MIDDLE — LAST (1) | SEX (2) | DATE OF BIRTH (Mo. Day. Yr.) (3c) | HOUR (3b)

HOSPITAL NAME (If not in hospital, give street and number) (4a) | CITY, TOWN, OR LOCATION OF BIRTH (4b) | COUNTY OF BIRTH (4c)

CERTIFIER

I certify that the stated information concerning the birth is true to the best of my knowledge and belief.

5a (Signature) ▶ | DATE SIGNED (Mo. Day. Yr.) (5b) | NAME AND TITLE OF ATTENDANT AT BIRTH if OTHER THAN CERTIFIER (Type or print) (5c)

CERTIFIER NAME AND TITLE (Type or print) (5d) | MAILING ADDRESS (STREET OR R.F.D. NO., CITY OR TOWN, STATE, ZIP) (5e)

REGISTRAR (6a) (Signature) ▶ | DATE RECEIVED BY REGISTRAR (Month, Day, Yr.) (6b)

MOTHER

MOTHER MAIDEN NAME — FIRST — MIDDLE — LAST (7a) | AGE (At time of this birth) (7b) | STATE OF BIRTH (If not in U.S.A., name country) (7c)

RESIDENCE STATE (8a) | COUNTY (8b) | CITY, TOWN OR LOCATION (8c) | STREET & NUMBER OF RESIDENCE (8d) | INSIDE CITY LIMITS (Specify Yes or No) (8e)

MOTHER'S MAILING ADDRESS — If same as above, enter Zip Code only (9)

FATHER

FATHER NAME — FIRST — MIDDLE — LAST (10a) | AGE (At time of this birth) (10b) | STATE OF BIRTH (If not in U.S.A., name country) (10c)

I certify that the personal information provided on this certificate is correct to the best of my knowledge and belief.
(Signature of Parent or other informant)
11a (Signature) ▶ | RELATION TO CHILD (11b)

DEATH UNDER ONE YEAR OF AGE — Enter State File Number of death certificate for this child

MULTIPLE BIRTHS, enter State File Number for mate(s) → LIVE BIRTH(S) / FETAL DEATH(S)

INFORMATION FOR MEDICAL AND HEALTH USE ONLY

RACE-MOTHER (eg. White, Black, American Indian, etc.) (Specify) (12)	RACE-FATHER (eg. White, Black, American Indian, etc.) (Specify) (13)	BIRTH WEIGHT (14)	THIS BIRTH Single, twin, triplet, etc. (Specify) (15a)	If NOT SINGLE BIRTH-Born first, second, third, etc. (Specify) (15b)	IS MOTHER MARRIED? (Specify yes or no) (16)

PREGNANCY HISTORY (Complete each section)				EDUCATION-MOTHER (Specify only highest grade completed)		EDUCATION-FATHER (Specify only highest grade completed)	
LIVE BIRTHS (Do not include this Child)		OTHER TERMINATIONS (Spontaneous and Induced)		Elementary or Secondary (0-12) (18)	College (1-4 or 5 +)	Elementary or Secondary (0-12) (19)	College (1-4 or 5 +)
17a. Now living: Number ____ None ☐	17b. Now dead: Number ____ None ☐	17d. Before 20 Weeks: Number ____ None ☐	17e. After 20 Weeks: Number ____ None ☐				

DATE LAST NORMAL MENSES BEGAN (Month, Day, Year) (20)	MONTH OF PREGNANCY PRENATAL CARE BEGAN First, second, etc. (Specify) (21a)	PRENATAL VISITS Total Number (If none so state) (21b)	APGAR SCORE 1 min. (22a)	APGAR SCORE 5 min. (22b)

COMPLICATIONS OF PREGNANCY (Describe or write "none") (23)

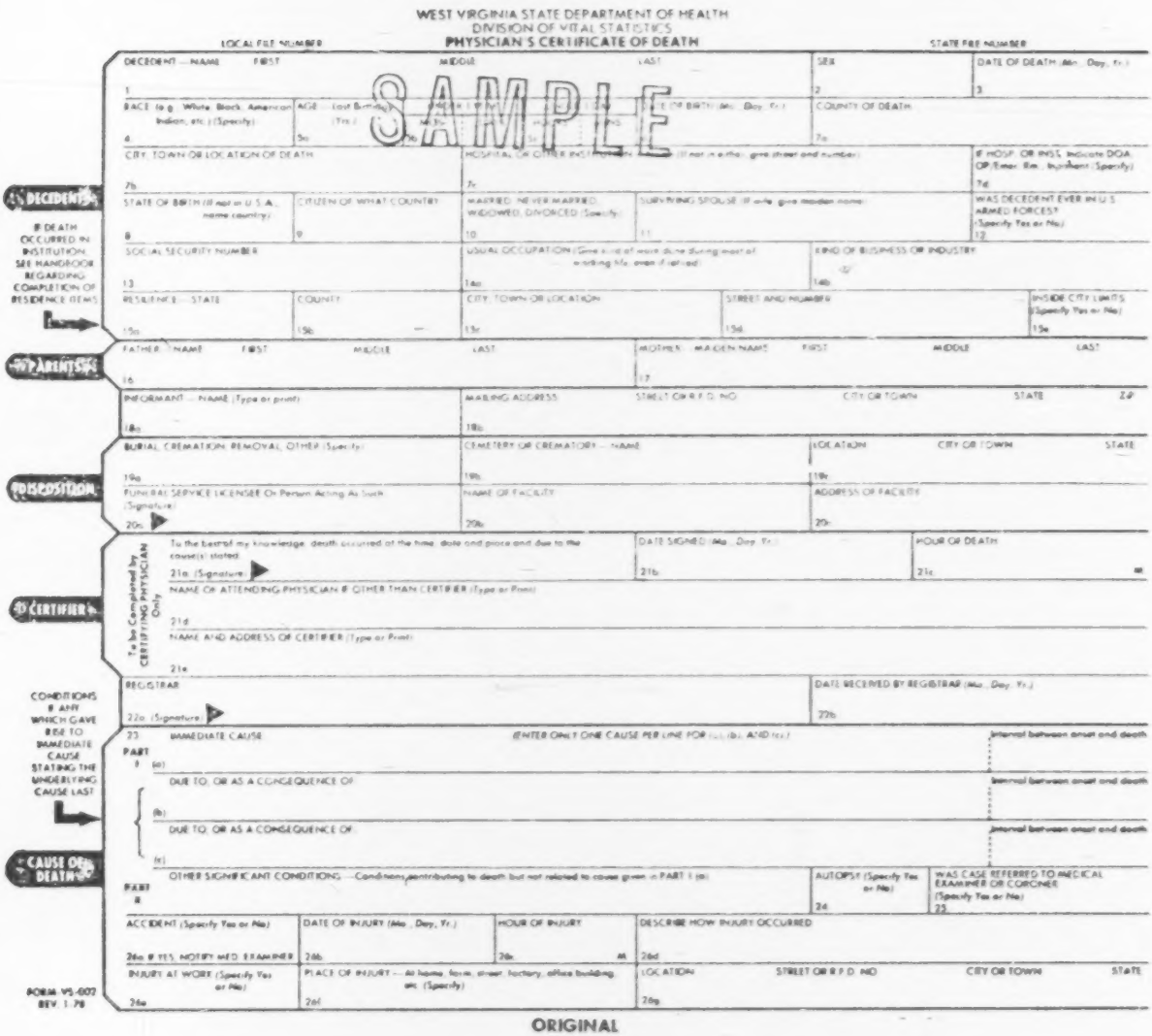
DATE OF LAST LIVE BIRTH (month, Year) (17c)	DATE OF LAST OTHER TERMINATION (as reported in 6 or 6 above) (Month, Year) (17f)	CONCURRENT ILLNESSES OR CONDITIONS AFFECTING THE PREGNANCY (Describe or write "none") (24)

COMPLICATIONS OF LABOR AND/OR DELIVERY (Describe or write "none") (25)	CONGENITAL MALFORMATIONS OF CHILD (Describe or write "none") (26)

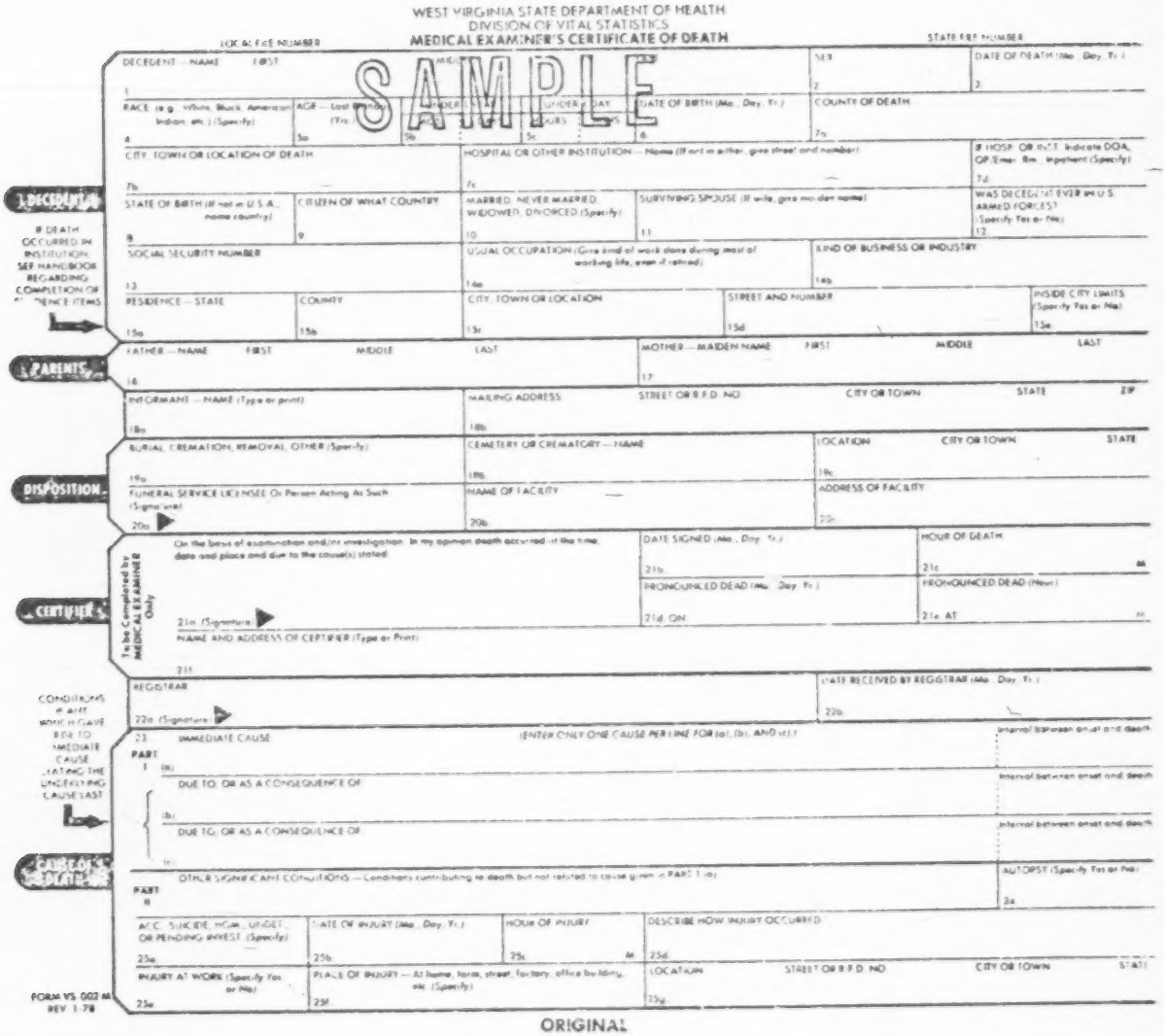
WAS SEROLOGIC TEST FOR SYPHILIS PERFORMED? Yes ☐ No ☐ (27a)	If "yes" Date performed (27b) / If "no" state reason (27c)	NAME OF SEROLOGIC TEST (27d)	AT WHAT LABORATORY? (27e)	WAS APPROVED SOLUTION PLACED IN EYES? Yes ☐ No ☐ (28)

ORIGINAL

Physician's Certificate of Death



Medical Examiner's Certificate of Death



WEST VIRGINIA STATE DEPARTMENT OF HEALTH
DIVISION OF VITAL STATISTICS
MEDICAL EXAMINER'S CERTIFICATE OF DEATH

SAMPLE

LOCAL FILE NUMBER

STATE FILE NUMBER

DECEDENT — NAME (FIRST, MIDDLE, LAST) 1 | SEX 2 | DATE OF DEATH (Mo., Day, Yr.) 3

RACE (e.g., White, Black, American Indian, etc.) (Specify) 4 | AGE — Last Birthday (Yrs.) 5a | UNDER 1 DAY (HOURS) 5b | UNDER 1 DAY (MINUTES) 5c | DATE OF BIRTH (Mo., Day, Yr.) 6 | COUNTY OF DEATH 7a

CITY, TOWN OR LOCATION OF DEATH 7b | HOSPITAL OR OTHER INSTITUTION — Name (If not in either, give street and number) 7c | IF HOSP. OR INST. Indicate DOA, OP, Emer. Rm., Inpatient (Specify) 7d

1 DECEDENT

STATE OF BIRTH (If not in U.S.A., name country) 8 | CITIZEN OF WHAT COUNTRY 9 | MARRIED, NEVER MARRIED, WIDOWED, DIVORCED (Specify) 10 | SURVIVING SPOUSE (If wife, give maiden name) 11 | WAS DECEDENT EVER IN U.S. ARMED FORCES? (Specify Yes or No) 12

If DEATH OCCURRED IN INSTITUTION SEE HANDBOOK REGARDING COMPLETION OF RESIDENCE ITEMS

SOCIAL SECURITY NUMBER 13 | USUAL OCCUPATION (Give kind of work done during most of working life, even if retired) 14a | KIND OF BUSINESS OR INDUSTRY 14b

RESIDENCE — STATE 15a | COUNTY 15b | CITY, TOWN OR LOCATION 15c | STREET AND NUMBER 15d | INSIDE CITY LIMITS (Specify Yes or No) 15e

2 PARENTS

FATHER — NAME FIRST MIDDLE LAST 16 | MOTHER — MAIDEN NAME FIRST MIDDLE LAST 17

3 DISPOSITION

INFORMANT — NAME (Type or print) 18a | MAILING ADDRESS STREET OR R.F.D. NO. CITY OR TOWN STATE ZIP 18b

BURIAL, CREMATION, REMOVAL, OTHER (Specify) 19a | CEMETERY OR CREMATORY — NAME 19b | LOCATION CITY OR TOWN STATE 19c

FUNERAL SERVICE LICENSEE Or Person Acting As Such (Signature) 20a | NAME OF FACILITY 20b | ADDRESS OF FACILITY 20c

4 CERTIFIER

To be Completed by MEDICAL EXAMINER Only

On the basis of examination and/or investigation, in my opinion death occurred at the time, date and place and due to the cause(s) stated

DATE SIGNED (Mo., Day, Yr.) 21b | HOUR OF DEATH 21c

21a (Signature)

NAME AND ADDRESS OF CERTIFIER (Type or Print) 21f

PRONOUNCED DEAD (Mo., Day, Yr.) 21d. ON | PRONOUNCED DEAD (Hour) 21e. AT

REGISTRAR 22a (Signature) | DATE RECEIVED BY REGISTRAR (Mo., Day, Yr.) 22b

CONDITIONS, IF ANY, WHICH GAVE RISE TO IMMEDIATE CAUSE (STATING THE UNDERLYING CAUSE LAST)

5 CAUSE OF DEATH

PART I

23 IMMEDIATE CAUSE (ENTER ONLY ONE CAUSE PER LINE FOR (a), (b), AND (c).) — Interval between onset and death

(a) DUE TO, OR AS A CONSEQUENCE OF — Interval between onset and death

(b) DUE TO, OR AS A CONSEQUENCE OF — Interval between onset and death

(c)

PART II

OTHER SIGNIFICANT CONDITIONS — Conditions contributing to death but not related to cause given in PART I (a) | AUTOPSY (Specify Yes or No) 24

ACC., SUICIDE, HOM., UNDET., OR PENDING INVEST. (Specify) 25a | DATE OF INJURY (Mo., Day, Yr.) 25b | HOUR OF INJURY 25c | DESCRIBE HOW INJURY OCCURRED 25d

INJURY AT WORK (Specify Yes or No) 25e | PLACE OF INJURY — At home, farm, street, factory, office building, etc. (Specify) 25f | LOCATION STREET OR R.F.D. NO. CITY OR TOWN STATE 25g

FORM VS 002 M REV. 1 78

ORIGINAL

Certificate of Fetal Death

TYPE, OR PRINT IN PERMANENT INK See Handbook For Instructions

Dist. No. ____ Serial No. ____

WEST VIRGINIA STATE DEPARTMENT OF HEALTH—DIVISION OF VITAL STATISTICS

CERTIFICATE OF FETAL DEATH

STATE FILE NO. ____

SAMPLE

FETUS

1. FETUS—NAME (First, Middle, Last)
2a. DATE OF DELIVERY (Month, Day, Year)
2b. HOUR
3. SEX
4a. THIS DELIVERY (Specify: Single, Twin, Triplet, etc.)
4b. IF NOT SINGLE, DELIVERY born first, second, third, etc. (Specify)
5a. COUNTY OF DELIVERY
5b. CITY, TOWN, OR LOCATION OF DELIVERY
5c. INSIDE CITY LIMITS (Specify yes or no)
5d. HOSPITAL—NAME (If not in hospital, give street and number)

MOTHER

6a. MOTHER—MAIDEN NAME (First, Middle, Last)
6b. AGE (at time of this delivery)
6c. STATE OF BIRTH (If not in U.S.A., name country)
7a. RESIDENCE—STATE
7b. COUNTY
7c. CITY, TOWN, OR LOCATION
7d. INSIDE CITY LIMITS (Specify yes or no)
7e. STREET AND NUMBER

FATHER

8a. FATHER—NAME (First, Middle, Last)
8b. AGE (at time of this delivery)
8c. STATE OF BIRTH (If not in U.S.A., name country)

CAUSE

9. PART I. FETAL DEATH WAS CAUSED BY: (ENTER ONLY ONE CAUSE PER LINE FOR (a), (b), AND (c).) SPECIFY FETAL OR MATERNAL.

Fetal or maternal condition directly causing fetal death (a) IMMEDIATE CAUSE

Fetal and/or maternal conditions, if any, giving rise to the immediate cause (a) stating the underlying cause last (b) DUE TO, OR AS A CONSEQUENCE OF:

(c) DUE TO, OR AS A CONSEQUENCE OF:

PART II. OTHER SIGNIFICANT CONDITIONS OF FETUS OR MOTHER. Conditions contributing to fetal death but not related to cause given in Part I (a).

10. FETUS DIED BEFORE LABOR, DURING LABOR OR DELIVERY, UNKNOWN (Specify)
11a. AUTOPSY (Specify yes or no)
11b. IF YES, WERE FINDINGS CONSIDERED IN DETERMINING CAUSE OF DEATH

CERTIFIER

I CERTIFY THAT THIS DELIVERY OCCURRED ON THE DATE STATED ABOVE AND THE FETUS WAS BORN DEAD

12a. SIGNATURE
12b. DATE SIGNED (month, day, year)
12c. ATTENDANT—M.D., D.O., midwife, other (specify)
12d. CERTIFIER—MAILING ADDRESS (Street or R.F.D. No., city or town, state, zip)
13. AUTHORIZED OFFICIAL (If delivery not attended by physician) SIGNATURE

BURIAL

14a. BURIAL, CREMATION, OR REMOVAL (Specify)
14b. CEMETERY OR CREMATORY—NAME
14c. LOCATION (City or town, state)
14d. DATE (Month, day, year)
15a. FUNERAL HOME—NAME AND ADDRESS (Street or R.F.D. No., city or town, state, zip)
15b. FUNERAL DIRECTOR—SIGNATURE
16a. REGISTRAR—SIGNATURE
16b. DATE RECEIVED BY LOCAL REGISTRAR (month, day, year)

CONFIDENTIAL INFORMATION FOR MEDICAL AND HEALTH USE ONLY

FATHER

17. RACE—FATHER (White, Negro, American Indian, etc. (Specify))
18. EDUCATION—Specify highest grade completed (Elementary (0,1,2,3,4, ... or 8); High School (1,2,3, or 4); College (1,2,3,4, or 5+))
19a. USUAL OCCUPATION
19b. KIND OF BUSINESS OR INDUSTRY

MOTHER

20. RACE—MOTHER (White, Negro, American Indian, etc. (Specify))
21. EDUCATION—Specify highest grade completed (Elementary (0,1,2,3,4, ... or 8); High School (1,2,3, or 4); College (1,2,3,4, or 5+))
22a. USUAL OCCUPATION
22b. KIND OF BUSINESS OR INDUSTRY

PREVIOUS DELIVERIES—HOW MANY OTHER CHILDREN

23a. ARE NOW LIVING
23b. WERE BORN ALIVE—NOW DEAD
23c. WERE BORN DEAD (Fetal death at any time after conception)
23d. DATE OF LAST LIVE BIRTH (Month, Day, Year)
23e. DATE OF LAST FETAL DEATH (Month, Day, Year)
24a. DATE LAST NORMAL MENSES BEGAN (Month, day, year)

MULTIPLE BIRTHS Enter State File Number for Mate(s)

LIVE BIRTH(S)

FETAL DEATH(S)

24b. MONTH OF PREGNANCY PRENATAL CARE BEGAN 1st, 2d, etc. (Specify)
24c. PRENATAL VISITS Total number (If none, so state)
25a. WAS SEROLOGIC TEST FOR SYPHILIS PERFORMED Yes ☐ No ☐
25b. IF "NO" STATE REASON
26. LEGITIMATE (Specify yes or no)
27. BIRTH WEIGHT lbs. ozs.

28. COMPLICATIONS RELATED TO PREGNANCY OR LABOR (Describe or write "none")
29. BIRTH INJURIES TO FETUS (Describe or write "none")
30. COMPLICATIONS NOT RELATED TO PREGNANCY OR LABOR (Describe or write "none")
31. CONGENITAL MALFORMATIONS OR ANOMALIES OF FETUS (Describe or write "none")

Form WS-003 (1-1-68)

Application for Marriage License

WEST VIRGINIA STATE DEPARTMENT OF HEALTH - DIVISION OF VITAL STATISTICS

APPLICATION FOR MARRIAGE LICENSE

License No. _____ State File No. _____
License Issued Date _____ County _____

SAMPLE

Write plainly with permanent ink or typewriter.

GROOM

1. FULL NAME (First) (Middle) (Last) — 2. COLOR OR RACE
3. DATE OF BIRTH (Month) (Day) (Year) — AGE (Last Birthday) _____ Years — 5. RELATIONSHIP TO BRIDE _____ None ☐
6. BIRTHPLACE (City or Town, State or Foreign Country) — 7. USUAL RESIDENCE Street & No. or Rur. Rte. _____ County _____ — City or Town _____ State _____
8. PREVIOUS MARITAL STATUS Never Married ☐ LAST MARRIAGE ENDED BY Death ☐ Divorce ☐ Annulment ☐ — 9. NUMBER OF PREVIOUS MARRIAGES _____ None ☐ — 10. EVIDENCE OF AGE
11. FATHER'S NAME — 12. MOTHER'S MAIDEN NAME

BRIDE

13. FULL NAME (First) (Middle) (Last) — 14. COLOR OR RACE
15. DATE OF BIRTH (Month) (Day) (Year) — 16. AGE (Last Birthday) _____ Years — 17. RELATIONSHIP TO GROOM _____ None ☐
18. BIRTHPLACE (City or Town, State or Foreign Country) — 19. USUAL RESIDENCE Street & No. or Rur. Rte. _____ County _____ — City or Town _____ State _____
20. PREVIOUS MARITAL STATUS Never Married ☐ LAST MARRIAGE ENDED BY Death ☐ Divorce ☐ Annulment ☐ — 21. NUMBER OF PREVIOUS MARRIAGES _____ None ☐ — 22. EVIDENCE OF AGE
23. FATHER'S NAME — 24. MOTHER'S MAIDEN NAME

The applicant(s), being first duly sworn, declares that the statements above are true and correct.

Bride and groom must sign. →

25. SIGNATURE OF GROOM — 26. SIGNATURE OF BRIDE

27. Taken, subscribed and sworn to before the undersigned authority by the applicant(s) above, this _____ day of _____ 19____

_____ County Clerk By _____

Deputy Clerk, County Court of _____ County, W. Va.

RECORD OF MARRIAGE

28. DATE OF MARRIAGE (Month) (Day) (Year) — 29. COUNTY OF MARRIAGE — 30. CITY OR TOWN OF MARRIAGE

To County Clerk:
1. Transcribe information from marriage license to Record of Marriage.
2. Item 31: Enter date this record is completed.

31. OFFICIANT'S A. NAME _____ B. ADDRESS _____

C. AUTHORIZED POSITION ☐ RELIGIOUS OFFICIAL _____ Specify Religious Body ☐ CIVIL OFFICIAL _____ Specify Authorized Position

32. SIGNATURE OF COUNTY CLERK — 33. DATE FILED (Month) (Day) (Year)

VS-008 (Rev. 7-1-63)

Monthly Report of Divorces and Annulments of Marriage Granted

WEST VIRGINIA STATE DEPARTMENT OF HEALTH
DIVISION OF VITAL STATISTICS

Page No. ____

MONTHLY REPORT OF DIVORCES AND ANNULMENTS OF MARRIAGE GRANTED

_____ COUNTY REPORT FOR THE MONTH OF _____, 19 ____

CIVIL ACTION NUMBER	NAME HUSBAND'S FULL NAME WIFE'S MAIDEN NAME	DATE OF BIRTH, OR AGE	PLACE OF THIS MARRIAGE COUNTY STATE	DATE OF THIS MARRIAGE	PLAINTIFF (SPECIFY)	DIVORCE OR ANNULMENT (SPECIFY)	NAME(S) CHILDREN UNDER EIGHTEEN	DATE OF THIS DECREE	DO NOT WRITE IN THIS SPACE

SAMPLE

128

DVS-9 (5-'67)

(SEE REVERSE SIDE FOR INSTRUCTIONS AND CERTIFICATION)

APPENDIX B

GROUPINGS OF ICDA CODES

I.C.D.A.	SELECTED CAUSES
001-009	Intestinal infectious diseases
010-018	Tuberculosis
038	Septicemia
140-208	Malignant neoplasms
150-159	--of digestive organs and peritoneum
160-165	--of respiratory and intrathoracic organs
179-189	--of genitourinary organs
210-239	Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature
250	Diabetes mellitus
260-269	Nutritional deficiencies
280-285	Anemias
390-448	Major cardiovascular diseases
390-398, 402, 404-429	Diseases of the heart
401,403	Hypertension with or without renal disease
430-438	Cerebrovascular diseases
440	Arteriosclerosis
441-448	Other diseases of arteries, arterioles, and capillaries
480-487	Pneumonia and influenza
480-486	Pneumonia
487	Influenza
490-496	Chronic obstructive pulmonary disease and allied conditions
490-493	Bronchitis, emphysema, and asthma
500-508	Pneumoconiosis and other lung diseases due to external agents
500	Coalworker's pneumoconiosis
531-533	Ulcer of stomach and duodenum
550-553, 560	Hernia of abdominal cavity and intestinal obstruction
571	Chronic liver disease and cirrhosis
574-575	Cholelithiasis and other disorders of gallbladder
580-589	Nephritis, nephrotic syndrome, and nephrosis
590	Infection of kidney
740-759	Congenital anomalies
760-779	Certain conditions originating in the perinatal period
765	Disorders relating to short gestation and unspecified low birthweight
767-769	Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome
780-799	Symptoms, signs, and ill-defined conditions
E800-E949	Accidents, all forms
E810-E825	Motor vehicle accidents
	Home accidents
	Work accidents
E950-959	Suicide
E960-969	Homicide
Residual Codes	All other causes